

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well A1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 13:52:11

Z-Average (nm): 685.6508

Derived Count Rate (kcps): 1553.58385932...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.612	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.852	0.0	2.031	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	2.031	0.0	2.127	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	2.127	0.0	2.228	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.228	0.0	2.333	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.333	0.0	2.443	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.443	0.0	2.559	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.559	0.0	2.680	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.680	0.0	2.806	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.806	0.0	2.939	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.939	0.0	3.078	0.0	39.08	0.0	0.0	1250
0.04000	0.0	3.078	0.0	3.224	0.0	40.93	0.0	0.0	1309
0.04189	0.0	3.224	0.0	3.376	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.376	0.0	3.536	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.536	0.0	3.703	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.703	0.0	3.877	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.877	0.0	3.939	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.939	0.0	4.064	0.0	54.01	0.0	0.0	1728
0.05527	0.0	4.064	0.0	4.203	0.0	56.56	0.0	0.0	1809
0.05788	0.0	4.203	0.0	4.340	0.0	59.23	0.0	0.0	1895
0.06062	0.0	4.340	0.0	4.470	0.0	62.04	0.0	0.0	1985
0.06349	0.0	4.470	0.0	4.603	0.0	64.97	0.0	0.0	2078
0.06649	0.0	4.603	0.0	4.737	0.0	68.04	0.0	0.0	2177
0.06963	0.0	4.737	0.0	4.871	0.0	71.26	0.0	0.0	2280
0.07292	0.0	4.871	0.0	5.000	0.0	74.63	0.0	0.0	2387
0.07637	0.0	5.000	0.0	5.127	0.0	78.16	0.0	0.0	2500
0.07999	0.0	5.127	0.0	5.259	0.0	81.85	0.0	0.0	2619
0.08377	0.0	5.259	0.0	5.380	0.0	85.73	0.0	0.0	2742
0.08773	0.0	5.380	0.0	5.506	0.0	89.78	0.0	0.0	2872
0.09188	0.0	5.506	0.0	5.631	0.0	94.03	0.0	0.0	3008
0.09622	0.0	5.631	0.0	5.758	0.0	98.47	0.0	0.0	3150
0.1008	0.0	5.758	0.0	5.884	0.0	103.1	0.0	0.0	3299
0.1055	0.0	5.884	0.0	6.006	0.0	108.0	0.0	0.0	3455
0.1105	0.0	6.006	0.0	6.126	0.0	113.1	0.0	0.0	3618
0.1158	0.0	6.126	0.0	6.243	0.0	118.5	0.0	0.0	3618
0.1212	0.0	6.243	0.0	6.359	0.0	124.1	0.0	0.0	3618
0.1270	0.0	6.359	0.0	6.471	0.0	129.9	0.0	0.0	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well A1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 13:54:28

Z-Average (nm): 518.0913

Derived Count Rate (kcps): 1334.35645997...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.0		3455
0.1105	0.0		3.536	0.0		113.1	0.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria
0.1212	0.0		3.878			124.1	0.0		Record Number: 3
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:55:16

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well A1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 13:56:45

Z-Average (nm): 533.5068

Derived Count Rate (kcps): 730.394042103...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 4	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:55:18	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well A2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:02:23

Z-Average (nm): 743.1823

Derived Count Rate (kcps): 406.967346191...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 5	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:55:20	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well A2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:05:22

Z-Average (nm): 1089.191

Derived Count Rate (kcps): 471.429840087...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.470	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.539	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.612	0.0	1.688	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.768	0.0	1.852	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	1.939	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.939	0.0	2.031	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.031	0.0	2.127	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.127	0.0	2.228	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.228	0.0	2.333	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.333	0.0	2.443	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.443	0.0	2.559	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.559	0.0	2.680	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.680	0.0	2.806	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.806	0.0	2.939	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.939	0.0	3.078	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.078	0.0	3.224	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.224	0.0	3.376	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.376	0.0	3.536	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.536	0.0	3.703	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.703	0.0	3.877	0.0	54.01	0.0	0.0	1728
0.05527	0.0	3.877	0.0	4.052	0.0	56.56	0.0	0.0	1809
0.05788	0.0	4.052	0.0	4.231	0.0	59.23	0.0	0.0	1895
0.06062	0.0	4.231	0.0	4.411	0.0	62.04	0.0	0.0	1985
0.06349	0.0	4.411	0.0	4.601	0.0	64.97	0.0	0.0	2078
0.06649	0.0	4.601	0.0	4.801	0.0	68.04	0.0	0.0	2177
0.06963	0.0	4.801	0.0	5.012	0.0	71.26	0.0	0.0	2280
0.07292	0.0	5.012	0.0	5.233	0.0	74.63	0.0	0.0	2387
0.07637	0.0	5.233	0.0	5.463	0.0	78.16	0.0	0.0	2500
0.07999	0.0	5.463	0.0	5.703	0.0	81.85	0.0	0.0	2619
0.08377	0.0	5.703	0.0	5.959	0.0	85.73	0.0	0.0	2742
0.08773	0.0	5.959	0.0	6.224	0.0	89.78	0.0	0.0	2872
0.09188	0.0	6.224	0.0	6.501	0.0	94.03	0.0	0.0	3008
0.09622	0.0	6.501	0.0	6.801	0.0	98.47	0.0	0.0	3150
0.1008	0.0	6.801	0.0	7.124	0.0	103.1	0.0	0.0	3299
0.1055	0.0	7.124	0.0	7.463	0.0	108.0	0.0	0.0	3455
0.1105	0.0	7.463	0.0	7.824	0.0	113.1	0.0	0.0	3618
0.1158	0.0	7.824	0.0	8.201	0.0	118.5	0.0	0.0	3618
0.1212	0.0	8.201	0.0	8.601	0.0	124.1	0.0	0.0	3618
0.1270	0.0	8.601	0.0	9.021	0.0	129.9	0.0	0.0	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well A2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:08:21

Z-Average (nm): 631.4869

Derived Count Rate (kcps): 224.434539794...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.6		2177	
0.06963	0.0		2.228	0.0		71.26	1.4		2280	
0.07292	0.0		2.333	0.0		74.63	1.6		2387	
0.07637	0.0		2.443	0.0		78.16	1.2		2500	
0.07999	0.0		2.559	0.0		81.85	0.5		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 7	
0.1270	0.0		4.062	0.0		129.9	0.0		30 Sep 2016 10:55:25	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well A3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:13:31

Z-Average (nm): 394.7723

Derived Count Rate (kcps): 138.572265625

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.2		2619
0.08377	0.0		2.680	0.0		85.73	0.8		2742
0.08773	0.0		2.806	0.0		89.78	1.5		2872
0.09188	0.0		2.939	0.0		94.03	2.2		3008
0.09622	0.0		3.078	0.0		98.47	2.8		3150
0.1008	0.0		3.224	0.0		103.1	3.3		3299
0.1055	0.0		3.376	0.0		108.0	3.5		3455
0.1105	0.0		3.536	0.0		113.1	3.5		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	3.3		File name: Malaria
0.1212	0.0		3.878			124.1	2.8		Record Number: 8
0.1270	0.0		4.062			129.9	2.2		30 Sep 2016 10:55:26

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well A3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:16:08

Z-Average (nm): 241.7077

Derived Count Rate (kcps): 96.2910003662...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.2		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.5		File name: Malaria	
0.1212	0.0		3.878			124.1	0.8		Record Number: 9	
0.1270	0.0		4.062			129.9	1.3		30 Sep 2016 10:55:28	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well A3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:18:46

Z-Average (nm): 228.9622

Derived Count Rate (kcps): 85.0976409912...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.5		21.43	0.0		685.7
0.02193	0.0		0.7017	1.5		22.45	0.0		718.1
0.02297	0.0		0.7349	1.9		23.51	0.0		752.1
0.02406	0.0		0.7696	1.3		24.62	0.0		787.6
0.02520	0.0		0.8060	0.3		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.1		2387
0.07637	0.0		2.443	0.0		78.16	0.3		2500
0.07999	0.0		2.559	0.0		81.85	0.6		2619
0.08377	0.0		2.680	0.0		85.73	0.9		2742
0.08773	0.0		2.806	0.0		89.78	1.1		2872
0.09188	0.0		2.939	0.0		94.03	1.3		3008
0.09622	0.0		3.078	0.0		98.47	1.4		3150
0.1008	0.0		3.224	0.0		103.1	1.5		3299
0.1055	0.0		3.376	0.0		108.0	1.5		3455
0.1105	0.0		3.536	0.0		113.1	1.5		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.5		File name: Malaria
0.1212	0.0		3.878			124.1	1.5		Record Number: 10
0.1270	0.0		4.062			129.9	1.5		30 Sep 2016 10:55:30

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well A4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:23:36

Z-Average (nm): 221.5353

Derived Count Rate (kcps): 83.2998428344...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.470	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.539	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.612	0.0	1.688	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.852	0.0	2.031	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	2.031	0.0	2.127	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	2.127	0.0	2.228	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.228	0.0	2.333	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.333	0.0	2.443	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.443	0.0	2.559	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.559	0.0	2.680	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.680	0.0	2.806	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.806	0.0	2.939	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.939	0.0	3.078	0.0	39.08	0.0	0.0	1250
0.04000	0.0	3.078	0.0	3.224	0.0	40.93	0.0	0.0	1309
0.04189	0.0	3.224	0.0	3.376	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.376	0.0	3.536	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.536	0.0	3.703	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.703	0.0	3.877	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.877	0.0	3.939	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.939	0.0	4.078	0.0	54.01	0.0	0.0	1728
0.05527	0.0	4.078	0.0	4.224	0.0	56.56	0.0	0.0	1809
0.05788	0.0	4.224	0.0	4.376	0.0	59.23	0.0	0.0	1895
0.06062	0.0	4.376	0.0	4.536	0.0	62.04	0.0	0.0	1985
0.06349	0.0	4.536	0.0	4.706	0.0	64.97	0.0	0.0	2078
0.06649	0.0	4.706	0.0	4.873	0.0	68.04	0.1	0.1	2177
0.06963	0.0	4.873	0.0	5.031	0.0	71.26	0.1	0.1	2280
0.07292	0.0	5.031	0.0	5.228	0.0	74.63	0.2	0.2	2387
0.07637	0.0	5.228	0.0	5.443	0.0	78.16	0.4	0.4	2500
0.07999	0.0	5.443	0.0	5.559	0.0	81.85	0.5	0.5	2619
0.08377	0.0	5.559	0.0	5.680	0.0	85.73	0.7	0.7	2742
0.08773	0.0	5.680	0.0	5.806	0.0	89.78	1.0	1.0	2872
0.09188	0.0	5.806	0.0	5.939	0.0	94.03	1.2	1.2	3008
0.09622	0.0	5.939	0.0	6.078	0.0	98.47	1.5	1.5	3150
0.1008	0.0	6.078	0.0	6.224	0.0	103.1	1.8	1.8	3299
0.1055	0.0	6.224	0.0	6.376	0.0	108.0	2.1	2.1	3455
0.1105	0.0	6.376	0.0	6.536	0.0	113.1	2.3	2.3	3618
0.1158	0.0	6.536	0.0	6.703	0.0	118.5	2.6	2.6	3618
0.1212	0.0	6.703	0.0	6.878	0.0	124.1	2.8	2.8	3618
0.1270	0.0	6.878	0.0	7.062	0.0	129.9	3.0	3.0	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well A4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:25:53

Z-Average (nm): 200.3899

Derived Count Rate (kcps): 86.9401245117...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.4		18.66	0.0		596.9
0.01910	0.0		0.6109	0.9		19.54	0.0		625.2
0.02000	0.0		0.6398	1.2		20.47	0.0		654.7
0.02094	0.0		0.6700	1.4		21.43	0.0		685.7
0.02193	0.0		0.7017	1.2		22.45	0.0		718.1
0.02297	0.0		0.7349	0.8		23.51	0.0		752.1
0.02406	0.0		0.7696	0.4		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.1		2500
0.07999	0.0		2.559	0.0		81.85	0.3		2619
0.08377	0.0		2.680	0.0		85.73	0.6		2742
0.08773	0.0		2.806	0.0		89.78	1.0		2872
0.09188	0.0		2.939	0.0		94.03	1.3		3008
0.09622	0.0		3.078	0.0		98.47	1.6		3150
0.1008	0.0		3.224	0.0		103.1	2.0		3299
0.1055	0.0		3.376	0.0		108.0	2.3		3455
0.1105	0.0		3.536	0.0		113.1	2.6		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.8		File name: Malaria
0.1212	0.0		3.878			124.1	3.0		Record Number: 12
0.1270	0.0		4.062			129.9	3.2		30 Sep 2016 10:55:34

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well A4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:28:10

Z-Average (nm): 186.0472

Derived Count Rate (kcps): 71.3088531494...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.6		25.79	0.0		824.9	
0.02639	0.0		0.8442	1.6		27.00	0.0		863.9	
0.02764	0.0		0.8841	2.1		28.28	0.0		904.7	
0.02894	0.0		0.9259	1.9		29.62	0.0		947.5	
0.03031	0.0		0.9697	1.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.2		2742	
0.08773	0.0		2.806	0.0		89.78	1.1		2872	
0.09188	0.0		2.939	0.0		94.03	2.4		3008	
0.09622	0.0		3.078	0.0		98.47	3.8		3150	
0.1008	0.0		3.224	0.0		103.1	5.1		3299	
0.1055	0.0		3.376	0.0		108.0	6.1		3455	
0.1105	0.0		3.536	0.0		113.1	6.8		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	7.1		File name: Malaria	
0.1212	0.0		3.878			124.1	7.1		Record Number: 13	
0.1270	0.0		4.062			129.9	6.7		30 Sep 2016 10:55:36	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well B1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:33:01

Z-Average (nm): 94.37607

Derived Count Rate (kcps): 313.619171142...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.1		1088	
0.03482	0.0		1.114	0.0		35.63	0.3		1140	
0.03646	0.0		1.167	0.0		37.32	0.7		1194	
0.03819	0.0		1.222	0.0		39.08	1.0		1250	
0.04000	0.0		1.279	0.0		40.93	1.3		1309	
0.04189	0.0		1.340	0.0		42.87	1.6		1371	
0.04387	0.0		1.403	0.0		44.89	1.8		1436	
0.04594	0.0		1.470	0.0		47.02	1.9		1504	
0.04811	0.0		1.539	0.0		49.24	2.0		1575	
0.05039	0.0		1.612	0.0		51.57	2.0		1650	
0.05277	0.0		1.688	0.0		54.01	2.0		1728	
0.05527	0.0		1.768	0.0		56.56	2.0		1809	
0.05788	0.0		1.852	0.0		59.23	1.9		1895	
0.06062	0.0		1.939	0.0		62.04	1.9		1985	
0.06349	0.0		2.031	0.0		64.97	1.8		2078	
0.06649	0.0		2.127	0.0		68.04	1.8		2177	
0.06963	0.0		2.228	0.0		71.26	1.8		2280	
0.07292	0.0		2.333	0.0		74.63	1.8		2387	
0.07637	0.0		2.443	0.0		78.16	1.8		2500	
0.07999	0.0		2.559	0.0		81.85	1.9		2619	
0.08377	0.0		2.680	0.0		85.73	2.0		2742	
0.08773	0.0		2.806	0.0		89.78	2.1		2872	
0.09188	0.0		2.939	0.0		94.03	2.3		3008	
0.09622	0.0		3.078	0.0		98.47	2.5		3150	
0.1008	0.0		3.224	0.0		103.1	2.6		3299	
0.1055	0.0		3.376	0.0		108.0	2.8		3455	
0.1105	0.0		3.536	0.0		113.1	3.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	3.1		File name: Malaria.dts	
0.1212	0.0		3.878			124.1	3.3		Record Number: 14	
0.1270	0.0		4.062			129.9	3.4		30 Sep 2016 10:55:38	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well B1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:35:18

Z-Average (nm): 91.68877

Derived Count Rate (kcps): 296.758911132...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.1		1250	
0.04000	0.0		1.279	0.0		40.93	0.3		1309	
0.04189	0.0		1.340	0.0		42.87	0.6		1371	
0.04387	0.0		1.403	0.0		44.89	0.9		1436	
0.04594	0.0		1.470	0.0		47.02	1.3		1504	
0.04811	0.0		1.539	0.0		49.24	1.7		1575	
0.05039	0.0		1.612	0.0		51.57	2.0		1650	
0.05277	0.0		1.688	0.0		54.01	2.4		1728	
0.05527	0.0		1.768	0.0		56.56	2.6		1809	
0.05788	0.0		1.852	0.0		59.23	2.9		1895	
0.06062	0.0		1.939	0.0		62.04	3.1		1985	
0.06349	0.0		2.031	0.0		64.97	3.2		2078	
0.06649	0.0		2.127	0.0		68.04	3.3		2177	
0.06963	0.0		2.228	0.0		71.26	3.4		2280	
0.07292	0.0		2.333	0.0		74.63	3.4		2387	
0.07637	0.0		2.443	0.0		78.16	3.4		2500	
0.07999	0.0		2.559	0.0		81.85	3.4		2619	
0.08377	0.0		2.680	0.0		85.73	3.4		2742	
0.08773	0.0		2.806	0.0		89.78	3.3		2872	
0.09188	0.0		2.939	0.0		94.03	3.2		3008	
0.09622	0.0		3.078	0.0		98.47	3.2		3150	
0.1008	0.0		3.224	0.0		103.1	3.1		3299	
0.1055	0.0		3.376	0.0		108.0	3.0		3455	
0.1105	0.0		3.536	0.0		113.1	2.9		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.8		File name: Malaria	
0.1212	0.0		3.878			124.1	2.7		Record Number: 15	
0.1270	0.0		4.062			129.9	2.6		30 Sep 2016 10:55:39	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well B1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:37:35

Z-Average (nm): 98.21568

Derived Count Rate (kcps): 317.127471923...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.1		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.2		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.4		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.5		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.6		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.7		992.3	
0.03174	0.0		1.016	0.0		32.49	0.7		1039	
0.03325	0.0		1.064	0.0		34.02	0.7		1088	
0.03482	0.0		1.114	0.0		35.63	0.6		1140	
0.03646	0.0		1.167	0.0		37.32	0.5		1194	
0.03819	0.0		1.222	0.0		39.08	0.4		1250	
0.04000	0.0		1.279	0.0		40.93	0.3		1309	
0.04189	0.0		1.340	0.0		42.87	0.2		1371	
0.04387	0.0		1.403	0.0		44.89	0.1		1436	
0.04594	0.0		1.470	0.0		47.02	0.1		1504	
0.04811	0.0		1.539	0.0		49.24	0.1		1575	
0.05039	0.0		1.612	0.0		51.57	0.2		1650	
0.05277	0.0		1.688	0.0		54.01	0.3		1728	
0.05527	0.0		1.768	0.0		56.56	0.5		1809	
0.05788	0.0		1.852	0.0		59.23	0.8		1895	
0.06062	0.0		1.939	0.0		62.04	1.1		1985	
0.06349	0.0		2.031	0.0		64.97	1.4		2078	
0.06649	0.0		2.127	0.0		68.04	1.8		2177	
0.06963	0.0		2.228	0.0		71.26	2.2		2280	
0.07292	0.0		2.333	0.0		74.63	2.7		2387	
0.07637	0.0		2.443	0.0		78.16	3.1		2500	
0.07999	0.0		2.559	0.0		81.85	3.5		2619	
0.08377	0.0		2.680	0.0		85.73	3.9		2742	
0.08773	0.0		2.806	0.0		89.78	4.3		2872	
0.09188	0.0		2.939	0.0		94.03	4.6		3008	
0.09622	0.0		3.078	0.0		98.47	4.9		3150	
0.1008	0.0		3.224	0.0		103.1	5.0		3299	
0.1055	0.0		3.376	0.0		108.0	5.2		3455	
0.1105	0.0		3.536	0.0		113.1	5.2		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	5.2		File name: Malaria	
0.1212	0.0		3.878			124.1	5.1		Record Number: 16	
0.1270	0.0		4.062			129.9	4.9		30 Sep 2016 10:55:41	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well B2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:43:46

Z-Average (nm): 68.52282

Derived Count Rate (kcps): 79.6542053222...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.6	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.2	0.5710	1.2	13.50	0.0	0.0	432.0
0.01382	0.0	0.5833	1.6	0.6109	1.7	14.14	0.0	0.0	452.4
0.01447	0.0	0.6398	1.4	0.6700	0.9	14.81	0.0	0.0	473.8
0.01516	0.0	0.6700	0.9	0.7017	0.3	15.51	0.0	0.0	496.2
0.01587	0.0	0.7349	0.0	0.7696	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8442	0.0	0.8060	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.8841	0.0	0.9259	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.9697	0.0	1.016	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.114	0.0	1.167	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.222	0.0	1.279	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.279	0.0	1.340	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.340	0.0	1.403	0.0	23.51	0.1	0.1	752.1
0.02406	0.0	1.403	0.0	1.470	0.0	24.62	0.2	0.2	787.6
0.02520	0.0	1.539	0.0	1.593	0.0	25.79	0.4	0.4	824.9
0.02639	0.0	1.612	0.0	1.688	0.0	27.00	0.5	0.5	863.9
0.02764	0.0	1.688	0.0	1.768	0.0	28.28	0.7	0.7	904.7
0.02894	0.0	1.768	0.0	1.852	0.0	29.62	0.8	0.8	947.5
0.03031	0.0	1.852	0.0	1.939	0.0	31.02	0.9	0.9	992.3
0.03174	0.0	1.939	0.0	2.031	0.0	32.49	1.0	1.0	1039
0.03325	0.0	2.031	0.0	2.127	0.0	34.02	1.1	1.1	1088
0.03482	0.0	2.127	0.0	2.228	0.0	35.63	1.1	1.1	1140
0.03646	0.0	2.228	0.0	2.322	0.0	37.32	1.2	1.2	1194
0.03819	0.0	2.322	0.0	2.423	0.0	39.08	1.2	1.2	1250
0.04000	0.0	2.423	0.0	2.524	0.0	40.93	1.2	1.2	1309
0.04189	0.0	2.524	0.0	2.625	0.0	42.87	1.3	1.3	1371
0.04387	0.0	2.625	0.0	2.726	0.0	44.89	1.3	1.3	1436
0.04594	0.0	2.726	0.0	2.827	0.0	47.02	1.4	1.4	1504
0.04811	0.0	2.827	0.0	2.928	0.0	49.24	1.5	1.5	1575
0.05039	0.0	2.928	0.0	3.029	0.0	51.57	1.5	1.5	1650
0.05277	0.0	3.029	0.0	3.129	0.0	54.01	1.6	1.6	1728
0.05527	0.0	3.129	0.0	3.229	0.0	56.56	1.7	1.7	1809
0.05788	0.0	3.229	0.0	3.329	0.0	59.23	1.9	1.9	1895
0.06062	0.0	3.329	0.0	3.429	0.0	62.04	2.0	2.0	1985
0.06349	0.0	3.429	0.0	3.529	0.0	64.97	2.1	2.1	2078
0.06649	0.0	3.529	0.0	3.629	0.0	68.04	2.3	2.3	2177
0.06963	0.0	3.629	0.0	3.729	0.0	71.26	2.4	2.4	2280
0.07292	0.0	3.729	0.0	3.829	0.0	74.63	2.5	2.5	2387
0.07637	0.0	3.829	0.0	3.929	0.0	78.16	2.7	2.7	2500
0.07999	0.0	3.929	0.0	4.029	0.0	81.85	2.8	2.8	2619
0.08377	0.0	4.029	0.0	4.129	0.0	85.73	2.9	2.9	2742
0.08773	0.0	4.129	0.0	4.229	0.0	89.78	3.0	3.0	2872
0.09188	0.0	4.229	0.0	4.329	0.0	94.03	3.1	3.1	3008
0.09622	0.0	4.329	0.0	4.429	0.0	98.47	3.1	3.1	3150
0.1008	0.0	4.429	0.0	4.529	0.0	103.1	3.2	3.2	3299
0.1055	0.0	4.529	0.0	4.629	0.0	108.0	3.2	3.2	3455
0.1105	0.0	4.629	0.0	4.729	0.0	113.1	3.1	3.1	3618
0.1158	0.0	4.729	0.0	4.829	0.0	118.5	3.1	3.1	3618
0.1212	0.0	4.829	0.0	4.929	0.0	124.1	3.0	3.0	3618
0.1270	0.0	4.929	0.0	5.029	0.0	129.9	2.9	2.9	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well B2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:47:27

Z-Average (nm): 84.3222

Derived Count Rate (kcps): 88.0506591796...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.1	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.4	0.4849	0.8	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	1.0	0.5318	1.1	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.0	0.5833	0.8	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.5	0.6398	0.2	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8442	0.0	0.8841	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.9259	0.0	0.9697	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	1.016	0.0	1.064	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.114	0.0	1.167	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.222	0.0	1.279	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.340	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.539	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.593	0.0	1.612	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.688	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.768	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	1.852	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.939	0.0	1.939	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.031	0.0	2.031	0.0	29.62	0.1	0.0	947.5
0.03031	0.0	2.127	0.0	2.127	0.0	31.02	0.2	0.0	992.3
0.03174	0.0	2.228	0.0	2.228	0.0	32.49	0.4	0.0	1039
0.03325	0.0	2.333	0.0	2.333	0.0	34.02	0.5	0.0	1088
0.03482	0.0	2.443	0.0	2.443	0.0	35.63	0.7	0.0	1140
0.03646	0.0	2.559	0.0	2.559	0.0	37.32	0.9	0.0	1194
0.03819	0.0	2.680	0.0	2.680	0.0	39.08	1.1	0.0	1250
0.04000	0.0	2.806	0.0	2.806	0.0	40.93	1.2	0.0	1309
0.04189	0.0	2.939	0.0	2.939	0.0	42.87	1.4	0.0	1371
0.04387	0.0	3.078	0.0	3.078	0.0	44.89	1.5	0.0	1436
0.04594	0.0	3.224	0.0	3.224	0.0	47.02	1.6	0.0	1504
0.04811	0.0	3.376	0.0	3.376	0.0	49.24	1.7	0.0	1575
0.05039	0.0	3.536	0.0	3.536	0.0	51.57	1.8	0.0	1650
0.05277	0.0	3.703	0.0	3.703	0.0	54.01	1.9	0.0	1728
0.05527	0.0	3.788	0.0	3.788	0.0	56.56	1.9	0.0	1809
0.05788	0.0	3.939	0.0	3.939	0.0	59.23	2.0	0.0	1895
0.06062	0.0	4.031	0.0	4.031	0.0	62.04	2.0	0.0	1985
0.06349	0.0	4.127	0.0	4.127	0.0	64.97	2.1	0.0	2078
0.06649	0.0	4.228	0.0	4.228	0.0	68.04	2.1	0.0	2177
0.06963	0.0	4.333	0.0	4.333	0.0	71.26	2.2	0.0	2280
0.07292	0.0	4.443	0.0	4.443	0.0	74.63	2.2	0.0	2387
0.07637	0.0	4.559	0.0	4.559	0.0	78.16	2.2	0.0	2500
0.07999	0.0	4.680	0.0	4.680	0.0	81.85	2.2	0.0	2619
0.08377	0.0	4.806	0.0	4.806	0.0	85.73	2.3	0.0	2742
0.08773	0.0	4.939	0.0	4.939	0.0	89.78	2.3	0.0	2872
0.09188	0.0	5.078	0.0	5.078	0.0	94.03	2.3	0.0	3008
0.09622	0.0	5.224	0.0	5.224	0.0	98.47	2.3	0.0	3150
0.1008	0.0	5.376	0.0	5.376	0.0	103.1	2.3	0.0	3299
0.1055	0.0	5.536	0.0	5.536	0.0	108.0	2.3	0.0	3455
0.1105	0.0	5.703	0.0	5.703	0.0	113.1	2.3	0.0	3618
0.1158	0.0	5.878	0.0	5.878	0.0	118.5	2.3	0.0	File name: Malaria
0.1212	0.0	6.062	0.0	6.062	0.0	124.1	2.3	0.0	Record Number: 18
0.1270	0.0	6.259	0.0	6.259	0.0	129.9	2.2	0.0	30 Sep 2016 10:55:46

Size Statistics Report by Intensity

v2.0



Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well B2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:51:07

Z-Average (nm): 82.20412

Derived Count Rate (kcps): 79.1900634765...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity Percent
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.5		15.51	0.0		496.2	
0.01587	0.0		0.5078	1.3		16.24	0.0		519.7	
0.01662	0.0		0.5318	1.8		17.01	0.0		544.2	
0.01741	0.0		0.5570	2.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	1.7		18.66	0.0		596.9	
0.01910	0.0		0.6109	1.2		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.5		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.1		1039	
0.03325	0.0		1.064	0.0		34.02	0.2		1088	
0.03482	0.0		1.114	0.0		35.63	0.3		1140	
0.03646	0.0		1.167	0.0		37.32	0.5		1194	
0.03819	0.0		1.222	0.0		39.08	0.7		1250	
0.04000	0.0		1.279	0.0		40.93	1.0		1309	
0.04189	0.0		1.340	0.0		42.87	1.2		1371	
0.04387	0.0		1.403	0.0		44.89	1.5		1436	
0.04594	0.0		1.470	0.0		47.02	1.8		1504	
0.04811	0.0		1.539	0.0		49.24	2.1		1575	
0.05039	0.0		1.612	0.0		51.57	2.3		1650	
0.05277	0.0		1.688	0.0		54.01	2.6		1728	
0.05527	0.0		1.768	0.0		56.56	2.8		1809	
0.05788	0.0		1.852	0.0		59.23	3.1		1895	
0.06062	0.0		1.939	0.0		62.04	3.2		1985	
0.06349	0.0		2.031	0.0		64.97	3.4		2078	
0.06649	0.0		2.127	0.0		68.04	3.5		2177	
0.06963	0.0		2.228	0.0		71.26	3.6		2280	
0.07292	0.0		2.333	0.0		74.63	3.6		2387	
0.07637	0.0		2.443	0.0		78.16	3.6		2500	
0.07999	0.0		2.559	0.0		81.85	3.6		2619	
0.08377	0.0		2.680	0.0		85.73	3.5		2742	
0.08773	0.0		2.806	0.0		89.78	3.4		2872	
0.09188	0.0		2.939	0.0		94.03	3.3		3008	
0.09622	0.0		3.078	0.0		98.47	3.1		3150	
0.1008	0.0		3.224	0.0		103.1	2.9		3299	
0.1055	0.0		3.376	0.0		108.0	2.7		3455	
0.1105	0.0		3.536	0.0		113.1	2.5		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.3		File name: Malaria	
0.1212	0.0		3.878			124.1	2.0		Record Number: 19	
0.1270	0.0		4.062	0.0		129.9	1.8		30 Sep 2016 10:55:47	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well B3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 14:57:08

Z-Average (nm): 122.2399

Derived Count Rate (kcps): 70.1377792358...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.1		11.76	0.0		376.1
0.01203	0.0		0.3848	0.3		12.31	0.0		393.8
0.01260	0.0		0.4030	0.6		12.89	0.0		412.5
0.01319	0.0		0.4221	0.8		13.50	0.0		432.0
0.01382	0.0		0.4421	1.0		14.14	0.0		452.4
0.01447	0.0		0.4630	1.0		14.81	0.0		473.8
0.01516	0.0		0.4849	1.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.9		16.24	0.0		519.7
0.01662	0.0		0.5318	0.7		17.01	0.0		544.2
0.01741	0.0		0.5570	0.5		17.82	0.0		570.0
0.01823	0.0		0.5833	0.3		18.66	0.0		596.9
0.01910	0.0		0.6109	0.1		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.1		1436
0.04594	0.0		1.470	0.0		47.02	0.2		1504
0.04811	0.0		1.539	0.0		49.24	0.4		1575
0.05039	0.0		1.612	0.0		51.57	0.6		1650
0.05277	0.0		1.688	0.0		54.01	0.9		1728
0.05527	0.0		1.768	0.0		56.56	1.1		1809
0.05788	0.0		1.852	0.0		59.23	1.3		1895
0.06062	0.0		1.939	0.0		62.04	1.5		1985
0.06349	0.0		2.031	0.0		64.97	1.6		2078
0.06649	0.0		2.127	0.0		68.04	1.7		2177
0.06963	0.0		2.228	0.0		71.26	1.8		2280
0.07292	0.0		2.333	0.0		74.63	1.8		2387
0.07637	0.0		2.443	0.0		78.16	1.9		2500
0.07999	0.0		2.559	0.0		81.85	1.9		2619
0.08377	0.0		2.680	0.0		85.73	1.9		2742
0.08773	0.0		2.806	0.0		89.78	1.9		2872
0.09188	0.0		2.939	0.0		94.03	1.9		3008
0.09622	0.0		3.078	0.0		98.47	1.9		3150
0.1008	0.0		3.224	0.0		103.1	1.9		3299
0.1055	0.0		3.376	0.0		108.0	1.9		3455
0.1105	0.0		3.536	0.0		113.1	2.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.0		File name: Malaria
0.1212	0.0		3.878			124.1	2.0		Record Number: 20
0.1270	0.0		4.062			129.9	2.1		30 Sep 2016 10:55:49

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well B3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:00:38

Z-Average (nm):	147.0621	Derived Count Rate (kcps):	87.4724426269...
Standard Deviation:	0	Standard Deviation:	0
%Std Deviation:	0	%Std Deviation:	0
Variance:	0	Variance:	0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	0.3509	0.0	0.3675	0.0
0.01047	0.0	0.3648	0.0	0.4030	0.0	0.4221	0.0	0.4421	0.0
0.01097	0.0	0.4630	0.0	0.4849	0.0	0.5078	0.0	0.5318	0.0
0.01149	0.0	0.5570	0.0	0.5833	0.0	0.6109	0.0	0.6398	0.0
0.01203	0.0	0.6700	0.0	0.7017	0.0	0.7349	0.0	0.7696	0.0
0.01260	0.0	0.7917	0.0	0.8060	0.0	0.8442	0.0	0.8841	0.0
0.01319	0.0	0.9259	0.0	0.9697	0.0	1.016	0.0	1.064	0.0
0.01382	0.0	1.114	0.0	1.167	0.0	1.222	0.0	1.279	0.0
0.01447	0.0	1.340	0.0	1.403	0.0	1.403	0.0	1.470	0.0
0.01516	0.0	1.403	0.0	1.470	0.0	1.539	0.0	1.612	0.0
0.01587	0.0	1.470	0.0	1.597	0.0	1.664	0.0	1.741	0.0
0.01662	0.0	1.741	0.0	1.825	0.0	1.881	0.0	1.939	0.0
0.01741	0.0	1.881	0.0	1.957	0.0	2.031	0.0	2.094	0.0
0.01823	0.0	2.094	0.0	2.127	0.0	2.127	0.0	2.165	0.0
0.01910	0.0	2.165	0.0	2.228	0.0	2.228	0.0	2.285	0.0
0.02000	0.0	2.285	0.0	2.333	0.0	2.333	0.0	2.382	0.0
0.02094	0.0	2.382	0.0	2.443	0.0	2.443	0.0	2.500	0.0
0.02193	0.0	2.500	0.0	2.559	0.0	2.559	0.0	2.608	0.0
0.02297	0.0	2.608	0.0	2.680	0.0	2.680	0.0	2.727	0.0
0.02406	0.0	2.727	0.0	2.806	0.0	2.806	0.0	2.845	0.0
0.02520	0.0	2.845	0.0	2.939	0.0	2.939	0.0	3.032	0.0
0.02639	0.0	3.032	0.0	3.078	0.0	3.078	0.0	3.150	0.0
0.02764	0.0	3.150	0.0	3.224	0.0	3.224	0.0	3.299	0.0
0.02894	0.0	3.299	0.0	3.376	0.0	3.376	0.0	3.455	0.0
0.03031	0.0	3.455	0.0	3.536	0.0	3.536	0.0	3.618	0.0
0.03174	0.0	3.618	0.0	3.703	0.0	3.703	0.0	3.779	0.0
0.03325	0.0	3.779	0.0	3.878	0.0	3.878	0.0	3.953	0.0
0.03482	0.0	3.953	0.0	4.062	0.0	4.062	0.0	4.138	0.0
0.03646	0.0	4.138	0.0	Zetasizer Ver. 7.01					
0.03819	0.0			Serial Number : MAL1063070					
0.04000	0.0								
0.04189	0.0								
0.04387	0.0								
0.04594	0.0								
0.04811	0.0								
0.05039	0.0								
0.05277	0.0								
0.05527	0.0								
0.05788	0.0								
0.06062	0.0								
0.06349	0.0								
0.06649	0.0								
0.06963	0.0								
0.07292	0.0								
0.07637	0.0								
0.07999	0.0								
0.08377	0.0								
0.08773	0.0								
0.09188	0.0								
0.09622	0.0								
0.1008	0.0								
0.1055	0.0								
0.1105	0.0								
0.1158	0.0								
0.1212	0.0								
0.1270	0.0								

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well B3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:04:08

Z-Average (nm): 131.6346

Derived Count Rate (kcps): 76.8035812377...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.3		16.24	0.0		519.7
0.01662	0.0		0.5318	0.6		17.01	0.0		544.2
0.01741	0.0		0.5570	0.9		17.82	0.0		570.0
0.01823	0.0		0.5833	1.2		18.66	0.0		596.9
0.01910	0.0		0.6109	1.3		19.54	0.0		625.2
0.02000	0.0		0.6398	1.2		20.47	0.0		654.7
0.02094	0.0		0.6700	1.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.5		22.45	0.0		718.1
0.02297	0.0		0.7349	0.1		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.2		2280
0.07292	0.0		2.333	0.0		74.63	0.6		2387
0.07637	0.0		2.443	0.0		78.16	1.2		2500
0.07999	0.0		2.559	0.0		81.85	1.9		2619
0.08377	0.0		2.680	0.0		85.73	2.6		2742
0.08773	0.0		2.806	0.0		89.78	3.3		2872
0.09188	0.0		2.939	0.0		94.03	4.0		3008
0.09622	0.0		3.078	0.0		98.47	4.6		3150
0.1008	0.0		3.224	0.0		103.1	5.1		3299
0.1055	0.0		3.376	0.0		108.0	5.6		3455
0.1105	0.0		3.536	0.0		113.1	5.9		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	6.1		File name: Malaria
0.1212	0.0		3.878			124.1	6.2		Record Number: 22
0.1270	0.0		4.062			129.9	6.1		30 Sep 2016 10:55:55

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well B4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:11:45

Z-Average (nm): 72.43564

Derived Count Rate (kcps): 42.7885475158...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.2	0.5833	0.9	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	1.8	0.6398	2.9	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	3.9	0.7017	4.7	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	5.2	0.7696	5.3	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	5.1	0.8442	4.5	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	3.7	0.9259	2.7	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	1.7	1.016	0.7	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.1	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.470	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.688	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.852	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.939	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	2.031	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.127	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.228	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.228	0.0	2.333	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.333	0.0	2.443	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.443	0.0	2.559	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.559	0.0	2.680	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.680	0.0	2.806	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.806	0.0	2.939	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.939	0.0	3.078	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.078	0.0	3.224	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.224	0.0	3.376	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.376	0.0	3.536	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	54.01	0.0	0.0	1728
0.05527	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	56.56	0.0	0.0	1809
0.05788	0.0	3.878	Serial Number : MAL1063070	4.062		59.23	0.0	0.0	1895
0.06062	0.0	4.062				62.04	0.0	0.0	1985
0.06349	0.0					64.97	0.0	0.0	2078
0.06649	0.0					68.04	0.1	0.1	2177
0.06963	0.0					71.26	0.3	0.3	2280
0.07292	0.0					74.63	0.5	0.5	2387
0.07637	0.0					78.16	0.8	0.8	2500
0.07999	0.0					81.85	1.1	1.1	2619
0.08377	0.0					85.73	1.3	1.3	2742
0.08773	0.0					89.78	1.6	1.6	2872
0.09188	0.0					94.03	1.9	1.9	3008
0.09622	0.0					98.47	2.1	2.1	3150
0.1008	0.0					103.1	2.3	2.3	3299
0.1055	0.0					108.0	2.4	2.4	3455
0.1105	0.0					113.1	2.6	2.6	3618
0.1158	0.0					118.5	2.7	2.7	File name: Malaria
0.1212	0.0					124.1	2.7	2.7	Record Number: 23
0.1270	0.0					129.9	2.7	2.7	30 Sep 2016 10:55:57

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well B4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:11:57

Z-Average (nm): 0 **Derived Count Rate (kcps):** 39.5307922363...

Standard Deviation: 0 **Standard Deviation:** 0

%Std Deviation: 0 **%Std Deviation:** 0

Variance: 0 **Variance:** 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 24	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:55:59	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well C1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:23:08

Z-Average (nm): 529.2052

Derived Count Rate (kcps): 138.999725341...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.0	0.5833	2.4	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	2.3	0.6398	0.9	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8442	0.0	0.8841	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.9259	0.0	0.9697	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	1.016	0.0	1.064	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.114	0.0	1.167	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.222	0.0	1.279	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.340	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.688	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.768	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.852	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	1.939	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.031	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.127	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.127	0.0	2.127	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.127	0.0	2.127	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.127	0.0	2.127	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.127	0.0	2.127	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.127	0.0	2.127	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.127	0.0	2.127	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.127	0.0	2.127	0.0	44.89	0.0	0.0	1436
0.04594	0.0	2.127	0.0	2.127	0.0	47.02	0.0	0.0	1504
0.04811	0.0	2.127	0.0	2.127	0.0	49.24	0.0	0.0	1575
0.05039	0.0	2.127	0.0	2.127	0.0	51.57	0.0	0.0	1650
0.05277	0.0	2.127	0.0	2.127	0.0	54.01	0.0	0.0	1728
0.05527	0.0	2.127	0.0	2.127	0.0	56.56	0.0	0.0	1809
0.05788	0.0	2.127	0.0	2.127	0.0	59.23	0.0	0.0	1895
0.06062	0.0	2.127	0.0	2.127	0.0	62.04	0.0	0.0	1985
0.06349	0.0	2.127	0.0	2.127	0.0	64.97	0.0	0.0	2078
0.06649	0.0	2.127	0.0	2.127	0.0	68.04	0.0	0.0	2177
0.06963	0.0	2.127	0.0	2.127	0.0	71.26	0.0	0.0	2280
0.07292	0.0	2.127	0.0	2.127	0.0	74.63	0.0	0.0	2387
0.07637	0.0	2.127	0.0	2.127	0.0	78.16	0.0	0.0	2500
0.07999	0.0	2.127	0.0	2.127	0.0	81.85	0.0	0.0	2619
0.08377	0.0	2.127	0.0	2.127	0.0	85.73	0.0	0.0	2742
0.08773	0.0	2.127	0.0	2.127	0.0	89.78	0.0	0.0	2872
0.09188	0.0	2.127	0.0	2.127	0.0	94.03	0.0	0.0	3008
0.09622	0.0	2.127	0.0	2.127	0.0	98.47	0.0	0.0	3150
0.1008	0.0	2.127	0.0	2.127	0.0	103.1	0.0	0.0	3299
0.1055	0.0	2.127	0.0	2.127	0.0	108.0	0.0	0.0	3455
0.1105	0.0	2.127	0.0	2.127	0.0	113.1	0.0	0.0	3618
0.1158	0.0	2.127	0.0	2.127	0.0	118.5	0.0	0.0	File name: Malaria
0.1212	0.0	2.127	0.0	2.127	0.0	124.1	0.0	0.0	Record Number: 25
0.1270	0.0	2.127	0.0	2.127	0.0	129.9	0.9	0.9	30 Sep 2016 10:56:02

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well C1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:26:59

Z-Average (nm): 664.0601

Derived Count Rate (kcps): 173.865692138...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.4		19.54	0.0		625.2
0.02000	0.0		0.6398	1.5		20.47	0.0		654.7
0.02094	0.0		0.6700	1.9		21.43	0.0		685.7
0.02193	0.0		0.7017	1.3		22.45	0.0		718.1
0.02297	0.0		0.7349	0.2		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.0		3455
0.1105	0.0		3.536	0.0		113.1	0.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.2		File name: Malaria
0.1212	0.0		3.878			124.1	0.5		Record Number: 26
0.1270	0.0		4.062			129.9	1.0		30 Sep 2016 10:56:04

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well C1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:30:50

Z-Average (nm): 790.8223

Derived Count Rate (kcps): 194.671737670...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.2		2872	
0.09188	0.0		2.939	0.0		94.03	0.7		3008	
0.09622	0.0		3.078	0.0		98.47	1.2		3150	
0.1008	0.0		3.224	0.0		103.1	1.5		3299	
0.1055	0.0		3.376	0.0		108.0	1.7		3455	
0.1105	0.0		3.536	0.0		113.1	1.6		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.3		File name: Malaria	
0.1212	0.0		3.878			124.1	0.9		Record Number: 27	
0.1270	0.0		4.062			129.9	0.4		30 Sep 2016 10:56:06	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well C2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:36:10

Z-Average (nm): 728.5237

Derived Count Rate (kcps): 265.195007324...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.7		3299	
0.1055	0.0		3.376	0.0		108.0	4.9		3455	
0.1105	0.0		3.536	0.0		113.1	7.9		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	7.6		File name: Malaria	
0.1212	0.0		3.878			124.1	4.3		Record Number: 28	
0.1270	0.0		4.062			129.9	0.4		30 Sep 2016 10:56:09	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well C2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:38:58

Z-Average (nm): 467.8168

Derived Count Rate (kcps): 180.470306396...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.1		2280	
0.07292	0.0		2.333	0.0		74.63	0.3		2387	
0.07637	0.0		2.443	0.0		78.16	0.7		2500	
0.07999	0.0		2.559	0.0		81.85	1.1		2619	
0.08377	0.0		2.680	0.0		85.73	1.5		2742	
0.08773	0.0		2.806	0.0		89.78	1.8		2872	
0.09188	0.0		2.939	0.0		94.03	1.9		3008	
0.09622	0.0		3.078	0.0		98.47	1.9		3150	
0.1008	0.0		3.224	0.0		103.1	1.8		3299	
0.1055	0.0		3.376	0.0		108.0	1.6		3455	
0.1105	0.0		3.536	0.0		113.1	1.3		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.9		File name: Malaria	
0.1212	0.0		3.878			124.1	0.5		Record Number: 29	
0.1270	0.0		4.062			129.9	0.2		30 Sep 2016 10:56:11	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well C2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:41:47

Z-Average (nm): 519.0091

Derived Count Rate (kcps): 225.401565551...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.470	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.539	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.612	0.0	1.688	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.768	0.0	1.852	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	1.939	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.939	0.0	2.031	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.031	0.0	2.127	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.127	0.0	2.228	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.228	0.0	2.333	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.333	0.0	2.443	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.443	0.0	2.559	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.559	0.0	2.680	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.680	0.0	2.806	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.806	0.0	2.939	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.939	0.0	3.078	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.078	0.0	3.224	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.224	0.0	3.376	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.376	0.0	3.536	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.536	0.0	3.703	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.703	0.0	3.877	0.0	54.01	0.0	0.0	1728
0.05527	0.0	3.877	0.0	4.052	0.0	56.56	0.0	0.0	1809
0.05788	0.0	4.052	0.0	4.231	0.0	59.23	0.0	0.0	1895
0.06062	0.0	4.231	0.0	4.411	0.0	62.04	0.0	0.0	1985
0.06349	0.0	4.411	0.0	4.601	0.0	64.97	0.4	0.0	2078
0.06649	0.0	4.601	0.0	4.801	0.0	68.04	1.0	0.0	2177
0.06963	0.0	4.801	0.0	5.011	0.0	71.26	1.4	0.0	2280
0.07292	0.0	5.011	0.0	5.233	0.0	74.63	1.4	0.0	2387
0.07637	0.0	5.233	0.0	5.463	0.0	78.16	1.1	0.0	2500
0.07999	0.0	5.463	0.0	5.703	0.0	81.85	0.5	0.0	2619
0.08377	0.0	5.703	0.0	5.959	0.0	85.73	0.0	0.0	2742
0.08773	0.0	5.959	0.0	6.224	0.0	89.78	0.0	0.0	2872
0.09188	0.0	6.224	0.0	6.501	0.0	94.03	0.0	0.0	3008
0.09622	0.0	6.501	0.0	6.801	0.0	98.47	0.0	0.0	3150
0.1008	0.0	6.801	0.0	7.124	0.0	103.1	0.0	0.0	3299
0.1055	0.0	7.124	0.0	7.463	0.0	108.0	0.0	0.0	3455
0.1105	0.0	7.463	0.0	7.824	0.0	113.1	0.0	0.0	3618
0.1158	0.0	7.824	0.0	8.201	0.0	118.5	0.0	0.0	3618
0.1212	0.0	8.201	0.0	8.601	0.0	124.1	0.0	0.0	3618
0.1270	0.0	8.601	0.0	9.021	0.0	129.9	0.0	0.0	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well C3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:48:42

Z-Average (nm): 275.5659

Derived Count Rate (kcps): 87.3363723754...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.8	0.5833	1.6	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	1.8	0.6398	1.5	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.8	0.7017	0.1	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.470	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.688	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.852	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.939	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	2.031	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.127	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.228	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.228	0.0	2.333	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.333	0.0	2.443	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.443	0.0	2.559	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.559	0.0	2.680	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.680	0.0	2.806	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.806	0.0	2.939	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.939	0.0	3.078	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.078	0.0	3.224	0.0	47.02	0.1	0.1	1504
0.04811	0.0	3.224	0.0	3.376	0.0	49.24	0.4	0.4	1575
0.05039	0.0	3.376	0.0	3.536	0.0	51.57	0.7	0.7	1650
0.05277	0.0	3.536	0.0	3.703	0.0	54.01	1.1	1.1	1728
0.05527	0.0	3.703	0.0	3.877	0.0	56.56	1.3	1.3	1809
0.05788	0.0	3.877	0.0	4.062	0.0	59.23	1.5	1.5	1895
0.06062	0.0	4.062	0.0	4.243	0.0	62.04	1.6	1.6	1985
0.06349	0.0	4.243	0.0	4.433	0.0	64.97	1.6	1.6	2078
0.06649	0.0	4.433	0.0	4.623	0.0	68.04	1.5	1.5	2177
0.06963	0.0	4.623	0.0	4.813	0.0	71.26	1.4	1.4	2280
0.07292	0.0	4.813	0.0	5.003	0.0	74.63	1.2	1.2	2387
0.07637	0.0	5.003	0.0	5.193	0.0	78.16	1.1	1.1	2500
0.07999	0.0	5.193	0.0	5.383	0.0	81.85	1.0	1.0	2619
0.08377	0.0	5.383	0.0	5.573	0.0	85.73	0.9	0.9	2742
0.08773	0.0	5.573	0.0	5.763	0.0	89.78	0.8	0.8	2872
0.09188	0.0	5.763	0.0	5.953	0.0	94.03	0.8	0.8	3008
0.09622	0.0	5.953	0.0	6.143	0.0	98.47	0.9	0.9	3150
0.1008	0.0	6.143	0.0	6.333	0.0	103.1	1.0	1.0	3299
0.1055	0.0	6.333	0.0	6.523	0.0	108.0	1.2	1.2	3455
0.1105	0.0	6.523	0.0	6.713	0.0	113.1	1.3	1.3	3618
0.1158	0.0	6.713	0.0	6.903	0.0	118.5	1.5	1.5	3618
0.1212	0.0	6.903	0.0	7.093	0.0	124.1	1.7	1.7	3618
0.1270	0.0	7.093	0.0	7.283	0.0	129.9	1.9	1.9	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well C3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:53:03

Z-Average (nm): 209.8778

Derived Count Rate (kcps): 121.974555969...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.1		3150
0.1008	0.0		3.224	0.0		103.1	0.4		3299
0.1055	0.0		3.376	0.0		108.0	0.7		3455
0.1105	0.0		3.536	0.0		113.1	1.2		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.8		File name: Malaria.dts Record Number: 32 30 Sep 2016 10:56:17
0.1212	0.0		3.878			124.1	2.3		
0.1270	0.0		4.062			129.9	2.9		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well C3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 15:57:24

Z-Average (nm): 225.9475

Derived Count Rate (kcps): 147.885864257...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.1		3455
0.1105	0.0		3.536	0.0		113.1	0.3		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.6		File name: Malaria
0.1212	0.0		3.878			124.1	1.1		Record Number: 33
0.1270	0.0		4.062			129.9	1.6		30 Sep 2016 10:56:19

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well C4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:05:20

Z-Average (nm): 91.76698

Derived Count Rate (kcps): 51.2248420715...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3199	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3350	0.0	0.3350	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3509	0.0	0.3509	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.3675	0.1	0.3675	0.1	11.76	0.0	0.0	376.1
0.01203	0.0	0.3848	0.3	0.3848	0.3	12.31	0.0	0.0	393.8
0.01260	0.0	0.4030	0.6	0.4030	0.6	12.89	0.0	0.0	412.5
0.01319	0.0	0.4221	1.0	0.4221	1.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.4421	1.4	0.4421	1.4	14.14	0.0	0.0	452.4
0.01447	0.0	0.4630	1.7	0.4630	1.7	14.81	0.0	0.0	473.8
0.01516	0.0	0.4849	1.9	0.4849	1.9	15.51	0.0	0.0	496.2
0.01587	0.0	0.5078	2.0	0.5078	2.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.5318	2.0	0.5318	2.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.5570	1.9	0.5570	1.9	17.82	0.0	0.0	570.0
0.01823	0.0	0.5833	1.6	0.5833	1.6	18.66	0.0	0.0	596.9
0.01910	0.0	0.6109	1.2	0.6109	1.2	19.54	0.0	0.0	625.2
0.02000	0.0	0.6398	0.8	0.6398	0.8	20.47	0.0	0.0	654.7
0.02094	0.0	0.6700	0.4	0.6700	0.4	21.43	0.0	0.0	685.7
0.02193	0.0	0.7017	0.1	0.7017	0.1	22.45	0.0	0.0	718.1
0.02297	0.0	0.7349	0.0	0.7349	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	0.7696	0.0	0.7696	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	0.8060	0.0	0.8060	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	0.8442	0.0	0.8442	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	0.8841	0.0	0.8841	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	0.9259	0.0	0.9259	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	0.9697	0.0	0.9697	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	1.016	0.0	1.016	0.0	32.49	0.0	0.0	1039
0.03325	0.0	1.064	0.0	1.064	0.0	34.02	0.0	0.0	1088
0.03482	0.0	1.114	0.0	1.114	0.0	35.63	0.0	0.0	1140
0.03646	0.0	1.167	0.0	1.167	0.0	37.32	0.0	0.0	1194
0.03819	0.0	1.222	0.0	1.222	0.0	39.08	0.0	0.0	1250
0.04000	0.0	1.279	0.0	1.279	0.0	40.93	0.0	0.0	1309
0.04189	0.0	1.340	0.0	1.340	0.0	42.87	0.0	0.0	1371
0.04387	0.0	1.403	0.0	1.403	0.0	44.89	0.0	0.0	1436
0.04594	0.0	1.470	0.0	1.470	0.0	47.02	0.0	0.0	1504
0.04811	0.0	1.539	0.0	1.539	0.0	49.24	0.0	0.0	1575
0.05039	0.0	1.612	0.0	1.612	0.0	51.57	0.0	0.0	1650
0.05277	0.0	1.688	0.0	1.688	0.0	54.01	0.0	0.0	1728
0.05527	0.0	1.768	0.0	1.768	0.0	56.56	0.0	0.0	1809
0.05788	0.0	1.852	0.0	1.852	0.0	59.23	0.0	0.0	1895
0.06062	0.0	1.939	0.0	1.939	0.0	62.04	0.1	0.1	1985
0.06349	0.0	2.031	0.0	2.031	0.0	64.97	0.3	0.3	2078
0.06649	0.0	2.127	0.0	2.127	0.0	68.04	0.6	0.6	2177
0.06963	0.0	2.228	0.0	2.228	0.0	71.26	0.9	0.9	2280
0.07292	0.0	2.333	0.0	2.333	0.0	74.63	1.2	1.2	2387
0.07637	0.0	2.443	0.0	2.443	0.0	78.16	1.6	1.6	2500
0.07999	0.0	2.559	0.0	2.559	0.0	81.85	1.9	1.9	2619
0.08377	0.0	2.680	0.0	2.680	0.0	85.73	2.2	2.2	2742
0.08773	0.0	2.806	0.0	2.806	0.0	89.78	2.5	2.5	2872
0.09188	0.0	2.939	0.0	2.939	0.0	94.03	2.8	2.8	3008
0.09622	0.0	3.078	0.0	3.078	0.0	98.47	3.1	3.1	3150
0.1008	0.0	3.224	0.0	3.224	0.0	103.1	3.2	3.2	3299
0.1055	0.0	3.376	0.0	3.376	0.0	108.0	3.4	3.4	3455
0.1105	0.0	3.536	0.0	3.536	0.0	113.1	3.5	3.5	3618
0.1158	0.2	3.703	Zetasizer Ver. 7.01	3.703	0.0	118.5	3.6	3.6	File name: Malaria.dts
0.1212	0.4	3.878	Serial Number : MAL1063070	3.878	0.0	124.1	3.6	3.6	Record Number: 34
0.1270	0.7	4.062		4.062	0.0	129.9	3.6	3.6	30 Sep 2016 10:56:21

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well C4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:10:44

Z-Average (nm): 126.426

Derived Count Rate (kcps): 57.9809226989...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	1.5		10.23	0.0		327.4
0.01047	0.0		0.3350	1.4		10.72	0.0		342.9
0.01097	0.0		0.3509	1.3		11.22	0.0		359.1
0.01149	0.0		0.3675	1.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.7		12.31	0.0		393.8
0.01260	0.0		0.4030	0.5		12.89	0.0		412.5
0.01319	0.0		0.4221	0.2		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.1		21.43	0.0		685.7
0.02193	0.0		0.7017	0.3		22.45	0.0		718.1
0.02297	0.0		0.7349	0.5		23.51	0.0		752.1
0.02406	0.0		0.7696	0.7		24.62	0.0		787.6
0.02520	0.0		0.8060	0.8		25.79	0.0		824.9
0.02639	0.0		0.8442	0.9		27.00	0.0		863.9
0.02764	0.0		0.8841	0.8		28.28	0.0		904.7
0.02894	0.0		0.9259	0.7		29.62	0.0		947.5
0.03031	0.0		0.9697	0.5		31.02	0.0		992.3
0.03174	0.0		1.016	0.3		32.49	0.0		1039
0.03325	0.0		1.064	0.1		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.1		2500
0.07999	0.0		2.559	0.0		81.85	0.5		2619
0.08377	0.0		2.680	0.0		85.73	1.1		2742
0.08773	0.0		2.806	0.0		89.78	1.7		2872
0.09188	0.0		2.939	0.0		94.03	2.4		3008
0.09622	0.0		3.078	0.0		98.47	3.0		3150
0.1008	0.0		3.224	0.0		103.1	3.7		3299
0.1055	0.0		3.376	0.0		108.0	4.2		3455
0.1105	0.0		3.536	0.0		113.1	4.7		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	5.0		File name: Malaria
0.1212	0.0		3.878			124.1	5.3		Record Number: 35
0.1270	0.0		4.062			129.9	5.4		30 Sep 2016 10:56:23

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well C4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:16:09

Z-Average (nm): 158.6716

Derived Count Rate (kcps): 58.6572837829...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.3		19.54	0.0		625.2
0.02000	0.0		0.6398	0.9		20.47	0.0		654.7
0.02094	0.0		0.6700	1.4		21.43	0.0		685.7
0.02193	0.0		0.7017	1.8		22.45	0.0		718.1
0.02297	0.0		0.7349	2.0		23.51	0.0		752.1
0.02406	0.0		0.7696	2.0		24.62	0.0		787.6
0.02520	0.0		0.8060	1.7		25.79	0.0		824.9
0.02639	0.0		0.8442	1.2		27.00	0.0		863.9
0.02764	0.0		0.8841	0.7		28.28	0.0		904.7
0.02894	0.0		0.9259	0.2		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.4		2619
0.08377	0.0		2.680	0.0		85.73	1.2		2742
0.08773	0.0		2.806	0.0		89.78	2.1		2872
0.09188	0.0		2.939	0.0		94.03	3.1		3008
0.09622	0.0		3.078	0.0		98.47	4.0		3150
0.1008	0.0		3.224	0.0		103.1	4.9		3299
0.1055	0.0		3.376	0.0		108.0	5.6		3455
0.1105	0.0		3.536	0.0		113.1	6.1		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	6.4		File name: Malaria
0.1212	0.2		3.878			124.1	6.6		Record Number: 36
0.1270	0.6		4.062			129.9	6.4		30 Sep 2016 10:56:25

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well D1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:21:19

Z-Average (nm): 207.9956

Derived Count Rate (kcps): 118.714042663...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.1		1309	
0.04189	0.0		1.340	0.0		42.87	0.2		1371	
0.04387	0.0		1.403	0.0		44.89	0.3		1436	
0.04594	0.0		1.470	0.0		47.02	0.4		1504	
0.04811	0.0		1.539	0.0		49.24	0.4		1575	
0.05039	0.0		1.612	0.0		51.57	0.4		1650	
0.05277	0.0		1.688	0.0		54.01	0.4		1728	
0.05527	0.0		1.768	0.0		56.56	0.3		1809	
0.05788	0.0		1.852	0.0		59.23	0.3		1895	
0.06062	0.0		1.939	0.0		62.04	0.2		1985	
0.06349	0.0		2.031	0.0		64.97	0.1		2078	
0.06649	0.0		2.127	0.0		68.04	0.1		2177	
0.06963	0.0		2.228	0.0		71.26	0.1		2280	
0.07292	0.0		2.333	0.0		74.63	0.1		2387	
0.07637	0.0		2.443	0.0		78.16	0.1		2500	
0.07999	0.0		2.559	0.0		81.85	0.1		2619	
0.08377	0.0		2.680	0.0		85.73	0.2		2742	
0.08773	0.0		2.806	0.0		89.78	0.3		2872	
0.09188	0.0		2.939	0.0		94.03	0.5		3008	
0.09622	0.0		3.078	0.0		98.47	0.7		3150	
0.1008	0.0		3.224	0.0		103.1	0.9		3299	
0.1055	0.0		3.376	0.0		108.0	1.1		3455	
0.1105	0.0		3.536	0.0		113.1	1.4		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.6		File name: Malaria.dts	
0.1212	0.0		3.878			124.1	1.9		Record Number: 37	
0.1270	0.0		4.062			129.9	2.2		30 Sep 2016 10:56:27	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well D1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:23:57

Z-Average (nm): 201.2504

Derived Count Rate (kcps): 132.050537109...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	1.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	1.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	1.6		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.7		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.2		2177	
0.06963	0.0		2.228	0.0		71.26	0.5		2280	
0.07292	0.0		2.333	0.0		74.63	0.8		2387	
0.07637	0.0		2.443	0.0		78.16	1.2		2500	
0.07999	0.0		2.559	0.0		81.85	1.5		2619	
0.08377	0.0		2.680	0.0		85.73	1.8		2742	
0.08773	0.0		2.806	0.0		89.78	2.0		2872	
0.09188	0.0		2.939	0.0		94.03	2.2		3008	
0.09622	0.0		3.078	0.0		98.47	2.3		3150	
0.1008	0.0		3.224	0.0		103.1	2.4		3299	
0.1055	0.0		3.376	0.0		108.0	2.4		3455	
0.1105	0.0		3.536	0.0		113.1	2.3		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.2		File name: Malaria	
0.1212	0.0		3.878			124.1	2.2		Record Number: 38	
0.1270	0.0		4.062	0.0		129.9	2.0		30 Sep 2016 10:56:31	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well D1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:26:35

Z-Average (nm): 326.1599

Derived Count Rate (kcps): 320.017486572...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 39	
0.1270	0.0		4.062			129.9	0.5		30 Sep 2016 10:56:33	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well D2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:32:26

Z-Average (nm): 224.4655

Derived Count Rate (kcps): 80.7328109741...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.3		11.22	0.0		359.1
0.01149	0.0		0.3675	0.7		11.76	0.0		376.1
0.01203	0.0		0.3848	1.1		12.31	0.0		393.8
0.01260	0.0		0.4030	1.3		12.89	0.0		412.5
0.01319	0.0		0.4221	1.4		13.50	0.0		432.0
0.01382	0.0		0.4421	1.4		14.14	0.0		452.4
0.01447	0.0		0.4630	1.2		14.81	0.0		473.8
0.01516	0.0		0.4849	1.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.7		16.24	0.0		519.7
0.01662	0.0		0.5318	0.4		17.01	0.0		544.2
0.01741	0.0		0.5570	0.1		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.1		1809
0.05788	0.0		1.852	0.0		59.23	0.2		1895
0.06062	0.0		1.939	0.0		62.04	0.4		1985
0.06349	0.0		2.031	0.0		64.97	0.5		2078
0.06649	0.0		2.127	0.0		68.04	0.7		2177
0.06963	0.0		2.228	0.0		71.26	0.9		2280
0.07292	0.0		2.333	0.0		74.63	1.0		2387
0.07637	0.0		2.443	0.0		78.16	1.1		2500
0.07999	0.0		2.559	0.0		81.85	1.2		2619
0.08377	0.0		2.680	0.0		85.73	1.3		2742
0.08773	0.0		2.806	0.0		89.78	1.4		2872
0.09188	0.0		2.939	0.0		94.03	1.4		3008
0.09622	0.0		3.078	0.0		98.47	1.5		3150
0.1008	0.0		3.224	0.0		103.1	1.5		3299
0.1055	0.0		3.376	0.0		108.0	1.5		3455
0.1105	0.0		3.536	0.0		113.1	1.6		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.6		File name: Malaria
0.1212	0.0		3.878			124.1	1.6		Record Number: 40
0.1270	0.0		4.062			129.9	1.6		30 Sep 2016 10:56:35

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well D2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:35:46

Z-Average (nm): 152.818

Derived Count Rate (kcps): 70.1902160644...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.2	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.7	0.4849	1.3	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	1.9	0.5318	2.3	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	2.4	0.5734	2.3	13.50	0.0	0.0	432.0
0.01382	0.0	0.5833	2.3	0.6109	1.9	14.14	0.0	0.0	452.4
0.01447	0.0	0.6398	1.3	0.6700	0.7	14.81	0.0	0.0	473.8
0.01516	0.0	0.6700	0.7	0.7017	0.2	15.51	0.0	0.0	496.2
0.01587	0.0	0.7017	0.2	0.7349	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.7349	0.0	0.7696	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.8060	0.0	0.8442	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.8841	0.0	0.9259	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	0.9697	0.0	1.016	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.064	0.0	1.114	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.167	0.0	1.222	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.279	0.0	1.340	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.340	0.0	1.403	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.403	0.0	1.470	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.470	0.0	1.539	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.612	0.0	1.688	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.688	0.0	1.768	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.768	0.0	1.852	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	1.852	0.0	1.939	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	1.939	0.0	2.031	0.0	32.49	0.1	0.1	1039
0.03325	0.0	2.031	0.0	2.127	0.0	34.02	0.2	0.2	1088
0.03482	0.0	2.127	0.0	2.228	0.0	35.63	0.3	0.3	1140
0.03646	0.0	2.228	0.0	2.333	0.0	37.32	0.3	0.3	1194
0.03819	0.0	2.333	0.0	2.443	0.0	39.08	0.4	0.4	1250
0.04000	0.0	2.443	0.0	2.559	0.0	40.93	0.4	0.4	1309
0.04189	0.0	2.559	0.0	2.680	0.0	42.87	0.4	0.4	1371
0.04387	0.0	2.680	0.0	2.806	0.0	44.89	0.4	0.4	1436
0.04594	0.0	2.806	0.0	2.939	0.0	47.02	0.3	0.3	1504
0.04811	0.0	2.939	0.0	3.078	0.0	49.24	0.3	0.3	1575
0.05039	0.0	3.078	0.0	3.224	0.0	51.57	0.2	0.2	1650
0.05277	0.0	3.224	0.0	3.376	0.0	54.01	0.2	0.2	1728
0.05527	0.0	3.376	0.0	3.536	0.0	56.56	0.2	0.2	1809
0.05788	0.0	3.536	0.0	3.703	0.0	59.23	0.1	0.1	1895
0.06062	0.0	3.703	0.0	3.877	0.0	62.04	0.1	0.1	1985
0.06349	0.0	3.877	0.0	4.062	0.0	64.97	0.1	0.1	2078
0.06649	0.0	4.062	0.0	4.257	0.0	68.04	0.1	0.1	2177
0.06963	0.0	4.257	0.0	4.453	0.0	71.26	0.1	0.1	2280
0.07292	0.0	4.453	0.0	4.650	0.0	74.63	0.2	0.2	2387
0.07637	0.0	4.650	0.0	4.847	0.0	78.16	0.3	0.3	2500
0.07999	0.0	4.847	0.0	5.044	0.0	81.85	0.4	0.4	2619
0.08377	0.0	5.044	0.0	5.241	0.0	85.73	0.5	0.5	2742
0.08773	0.0	5.241	0.0	5.438	0.0	89.78	0.6	0.6	2872
0.09188	0.0	5.438	0.0	5.635	0.0	94.03	0.8	0.8	3008
0.09622	0.0	5.635	0.0	5.832	0.0	98.47	1.0	1.0	3150
0.1008	0.0	5.832	0.0	6.029	0.0	103.1	1.1	1.1	3299
0.1055	0.0	6.029	0.0	6.226	0.0	108.0	1.3	1.3	3455
0.1105	0.0	6.226	0.0	6.423	0.0	113.1	1.5	1.5	3618
0.1158	0.0	6.423	0.0	6.620	0.0	118.5	1.7	1.7	3618
0.1212	0.0	6.620	0.0	6.817	0.0	124.1	1.9	1.9	3618
0.1270	0.0	6.817	0.0	7.014	0.0	129.9	2.1	2.1	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well D2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:39:06

Z-Average (nm): 259.0466

Derived Count Rate (kcps): 111.198989868...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	20.47	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	21.43	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	22.45	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	23.51	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.612	0.0	24.62	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	787.6
0.02520	0.0	1.852	0.0	2.031	0.0	27.00	0.0	0.0	824.9
0.02639	0.0	2.031	0.0	2.127	0.0	28.28	0.0	0.0	863.9
0.02764	0.0	2.127	0.0	2.228	0.0	29.62	0.0	0.0	904.7
0.02894	0.0	2.228	0.0	2.333	0.0	31.02	0.0	0.0	947.5
0.03031	0.0	2.333	0.0	2.443	0.0	32.49	0.0	0.0	992.3
0.03174	0.0	2.443	0.0	2.559	0.0	34.02	0.0	0.0	1039
0.03325	0.0	2.559	0.0	2.680	0.0	35.63	0.0	0.0	1088
0.03482	0.0	2.680	0.0	2.806	0.0	37.32	0.0	0.0	1140
0.03646	0.0	2.806	0.0	2.939	0.0	39.08	0.0	0.0	1194
0.03819	0.0	2.939	0.0	3.078	0.0	40.93	0.0	0.0	1250
0.04000	0.0	3.078	0.0	3.224	0.0	42.87	0.0	0.0	1309
0.04189	0.0	3.224	0.0	3.376	0.0	44.89	0.0	0.0	1371
0.04387	0.0	3.376	0.0	3.536	0.0	47.02	0.0	0.0	1436
0.04594	0.0	3.536	0.0	3.703	0.0	49.24	0.0	0.0	1504
0.04811	0.0	3.703	0.0	3.877	0.0	51.57	0.0	0.0	1575
0.05039	0.0	3.877	0.0	3.939	0.0	54.01	0.0	0.0	1650
0.05277	0.0	3.939	0.0	4.064	0.0	56.56	0.0	0.0	1728
0.05527	0.0	4.064	0.0	4.203	0.0	59.23	0.0	0.0	1809
0.05788	0.0	4.203	0.0	4.340	0.0	62.04	0.0	0.0	1895
0.06062	0.0	4.340	0.0	4.470	0.0	64.97	0.0	0.0	1985
0.06349	0.0	4.470	0.0	4.603	0.0	68.04	0.0	0.0	2078
0.06649	0.0	4.603	0.0	4.733	0.0	71.26	0.0	0.0	2177
0.06963	0.0	4.733	0.0	4.863	0.0	74.63	0.0	0.0	2280
0.07292	0.0	4.863	0.0	5.000	0.0	78.16	0.0	0.0	2387
0.07637	0.0	5.000	0.0	5.127	0.0	81.85	0.0	0.0	2500
0.07999	0.0	5.127	0.0	5.259	0.0	85.73	0.0	0.0	2619
0.08377	0.0	5.259	0.0	5.380	0.0	89.78	0.0	0.0	2742
0.08773	0.0	5.380	0.0	5.500	0.0	94.03	0.0	0.0	2872
0.09188	0.0	5.500	0.0	5.612	0.0	98.47	0.1	0.1	3008
0.09622	0.0	5.612	0.0	5.724	0.0	103.1	0.3	0.3	3150
0.1008	0.0	5.724	0.0	5.836	0.0	108.0	0.7	0.7	3299
0.1055	0.0	5.836	0.0	5.948	0.0	113.1	1.1	1.1	3455
0.1105	0.0	5.948	0.0	6.058	0.0	118.5	1.5	1.5	3618
0.1158	0.0	6.058	0.0	6.168	0.0	124.1	2.0	2.0	File name: Malaria
0.1212	0.0	6.168	0.0	6.278	0.0	129.9	2.4	2.4	Record Number: 42
0.1270	0.0	6.278	0.0	6.388	0.0	135.3	2.8	2.8	30 Sep 2016 10:56:46

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well D3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:45:19

Z-Average (nm): 60.13844

Derived Count Rate (kcps): 62.4633445739...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.1	0.3675	0.7	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	1.5	0.4030	2.3	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	2.9	0.4421	3.1	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	3.0	0.4849	2.6	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	1.9	0.5318	1.1	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.4	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8442	0.0	0.8841	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.9259	0.0	0.9697	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	1.016	0.0	1.064	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.114	0.0	1.167	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.222	0.0	1.279	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.340	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.688	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.768	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.852	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	1.939	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.031	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.127	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.127	0.0	2.127	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.127	0.0	2.127	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.127	0.0	2.127	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.127	0.0	2.127	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.127	0.0	2.127	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.127	0.0	2.127	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.127	0.0	2.127	0.0	44.89	0.0	0.0	1436
0.04594	0.0	2.127	0.0	2.127	0.0	47.02	0.0	0.0	1504
0.04811	0.0	2.127	0.0	2.127	0.0	49.24	0.0	0.0	1575
0.05039	0.0	2.127	0.0	2.127	0.0	51.57	0.1	0.0	1650
0.05277	0.0	2.127	0.0	2.127	0.0	54.01	0.2	0.0	1728
0.05527	0.0	2.127	0.0	2.127	0.0	56.56	0.3	0.0	1809
0.05788	0.0	2.127	0.0	2.127	0.0	59.23	0.4	0.0	1895
0.06062	0.0	2.127	0.0	2.127	0.0	62.04	0.6	0.0	1985
0.06349	0.0	2.127	0.0	2.127	0.0	64.97	0.8	0.0	2078
0.06649	0.0	2.127	0.0	2.127	0.0	68.04	1.0	0.0	2177
0.06963	0.0	2.127	0.0	2.127	0.0	71.26	1.2	0.0	2280
0.07292	0.0	2.127	0.0	2.127	0.0	74.63	1.4	0.0	2387
0.07637	0.0	2.127	0.0	2.127	0.0	78.16	1.6	0.0	2500
0.07999	0.0	2.127	0.0	2.127	0.0	81.85	1.8	0.0	2619
0.08377	0.0	2.127	0.0	2.127	0.0	85.73	1.9	0.0	2742
0.08773	0.0	2.127	0.0	2.127	0.0	89.78	2.1	0.0	2872
0.09188	0.0	2.127	0.0	2.127	0.0	94.03	2.2	0.0	3008
0.09622	0.0	2.127	0.0	2.127	0.0	98.47	2.4	0.0	3150
0.1008	0.0	2.127	0.0	2.127	0.0	103.1	2.5	0.0	3299
0.1055	0.0	2.127	0.0	2.127	0.0	108.0	2.6	0.0	3455
0.1105	0.0	2.127	0.0	2.127	0.0	113.1	2.7	0.0	3618
0.1158	0.0	2.127	0.0	2.127	0.0	118.5	2.7	0.0	File name: Malaria
0.1212	0.0	2.127	0.0	2.127	0.0	124.1	2.8	0.0	Record Number: 43
0.1270	0.0	2.127	0.0	2.127	0.0	129.9	2.8	0.0	30 Sep 2016 10:56:48

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well D3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:48:59

Z-Average (nm): 40.80424

Derived Count Rate (kcps): 60.5854339599...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.6	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.5	0.5833	2.3	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	3.0	0.6398	3.4	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	3.4	0.7017	3.2	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	2.6	0.7696	1.8	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	1.0	0.8442	0.3	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.470	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.688	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.852	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.939	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	2.031	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.127	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.228	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.228	0.0	2.333	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.333	0.0	2.443	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.443	0.0	2.559	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.559	0.0	2.680	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.680	0.0	2.806	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.806	0.0	2.939	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.939	0.0	3.078	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.078	0.0	3.224	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.224	0.0	3.376	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.376	0.0	3.536	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	54.01	0.0	0.0	1728
0.05527	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	56.56	0.1	0.1	1809
0.05788	0.0	3.878	Serial Number : MAL1063070	4.062	0.0	59.23	0.3	0.3	1895
0.06062	0.0	4.062	0.0	4.224	0.0	62.04	0.5	0.5	1985
0.06349	0.0	4.224	0.0	4.393	0.0	64.97	0.8	0.8	2078
0.06649	0.0	4.393	0.0	4.562	0.0	68.04	1.0	1.0	2177
0.06963	0.0	4.562	0.0	4.731	0.0	71.26	1.3	1.3	2280
0.07292	0.0	4.731	0.0	4.900	0.0	74.63	1.6	1.6	2387
0.07637	0.0	4.900	0.0	5.069	0.0	78.16	1.9	1.9	2500
0.07999	0.0	5.069	0.0	5.237	0.0	81.85	2.1	2.1	2619
0.08377	0.0	5.237	0.0	5.406	0.0	85.73	2.3	2.3	2742
0.08773	0.0	5.406	0.0	5.575	0.0	89.78	2.5	2.5	2872
0.09188	0.0	5.575	0.0	5.743	0.0	94.03	2.7	2.7	3008
0.09622	0.0	5.743	0.0	5.912	0.0	98.47	2.9	2.9	3150
0.1008	0.0	5.912	0.0	6.080	0.0	103.1	3.0	3.0	3299
0.1055	0.0	6.080	0.0	6.248	0.0	108.0	3.1	3.1	3455
0.1105	0.0	6.248	0.0	6.416	0.0	113.1	3.1	3.1	3618
0.1158	0.0	6.416	0.0	6.584	0.0	118.5	3.1	3.1	File name: Malaria.dts
0.1212	0.0	6.584	0.0	6.752	0.0	124.1	3.1	3.1	Record Number: 44
0.1270	0.0	6.752	0.0	6.920	0.0	129.9	3.1	3.1	30 Sep 2016 10:56:51

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well D3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:52:39

Z-Average (nm): 66.0485

Derived Count Rate (kcps): 60.3651466369...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	1.2		10.23	0.0		327.4
0.01047	0.0		0.3350	1.6		10.72	0.0		342.9
0.01097	0.0		0.3509	2.0		11.22	0.0		359.1
0.01149	0.0		0.3675	2.3		11.76	0.0		376.1
0.01203	0.0		0.3848	2.4		12.31	0.0		393.8
0.01260	0.0		0.4030	2.4		12.89	0.0		412.5
0.01319	0.0		0.4221	2.3		13.50	0.0		432.0
0.01382	0.0		0.4421	2.1		14.14	0.0		452.4
0.01447	0.0		0.4630	1.8		14.81	0.0		473.8
0.01516	0.0		0.4849	1.4		15.51	0.0		496.2
0.01587	0.0		0.5078	1.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.6		17.01	0.0		544.2
0.01741	0.0		0.5570	0.3		17.82	0.0		570.0
0.01823	0.0		0.5833	0.1		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.1		1309
0.04189	0.0		1.340	0.0		42.87	0.1		1371
0.04387	0.0		1.403	0.0		44.89	0.2		1436
0.04594	0.0		1.470	0.0		47.02	0.3		1504
0.04811	0.0		1.539	0.0		49.24	0.4		1575
0.05039	0.0		1.612	0.0		51.57	0.5		1650
0.05277	0.0		1.688	0.0		54.01	0.6		1728
0.05527	0.0		1.768	0.0		56.56	0.7		1809
0.05788	0.0		1.852	0.0		59.23	0.8		1895
0.06062	0.0		1.939	0.0		62.04	0.9		1985
0.06349	0.0		2.031	0.0		64.97	1.0		2078
0.06649	0.0		2.127	0.0		68.04	1.1		2177
0.06963	0.0		2.228	0.0		71.26	1.2		2280
0.07292	0.0		2.333	0.0		74.63	1.4		2387
0.07637	0.0		2.443	0.0		78.16	1.5		2500
0.07999	0.0		2.559	0.0		81.85	1.6		2619
0.08377	0.0		2.680	0.0		85.73	1.6		2742
0.08773	0.0		2.806	0.0		89.78	1.7		2872
0.09188	0.0		2.939	0.0		94.03	1.8		3008
0.09622	0.0		3.078	0.0		98.47	1.9		3150
0.1008	0.0		3.224	0.0		103.1	2.0		3299
0.1055	0.0		3.376	0.0		108.0	2.0		3455
0.1105	0.0		3.536	0.0		113.1	2.1		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.1		File name: Malaria
0.1212	0.0		3.878			124.1	2.1		Record Number: 45
0.1270	0.0		4.062			129.9	2.2		30 Sep 2016 10:56:54

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well D4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 16:58:41

Z-Average (nm): 9.370072

Derived Count Rate (kcps): 53.9147224426...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.1	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.5	0.3675	1.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	1.6	0.4030	2.1	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	2.6	0.4421	3.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	3.3	0.4849	3.4	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	3.4	0.5318	3.2	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	2.9	0.5833	2.6	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	2.2	0.6398	1.7	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	1.3	0.7017	0.8	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.5	0.7696	0.2	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.470	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.688	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.852	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.939	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	2.031	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.127	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.228	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.228	0.0	2.333	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.333	0.0	2.443	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.443	0.0	2.559	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.559	0.0	2.680	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.680	0.0	2.806	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.806	0.0	2.939	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.939	0.0	3.078	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.078	0.0	3.224	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.224	0.0	3.376	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.376	0.0	3.536	0.0	51.57	0.1	0.0	1650
0.05277	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	54.01	0.2	0.0	1728
0.05527	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	56.56	0.3	0.0	1809
0.05788	0.0	3.878	Serial Number : MAL1063070	4.062		59.23	0.4	0.0	1895
0.06062	0.0	4.062				62.04	0.6	0.0	1985
0.06349	0.0					64.97	0.7	0.0	2078
0.06649	0.0					68.04	0.9	0.0	2177
0.06963	0.0					71.26	1.0	0.0	2280
0.07292	0.0					74.63	1.2	0.0	2387
0.07637	0.0					78.16	1.3	0.0	2500
0.07999	0.0					81.85	1.5	0.0	2619
0.08377	0.0					85.73	1.6	0.0	2742
0.08773	0.0					89.78	1.7	0.0	2872
0.09188	0.0					94.03	1.8	0.0	3008
0.09622	0.0					98.47	1.9	0.0	3150
0.1008	0.0					103.1	2.0	0.0	3299
0.1055	0.0					108.0	2.0	0.0	3455
0.1105	0.0					113.1	2.1	0.0	3618
0.1158	0.0					118.5	2.1	0.0	File name: Malaria
0.1212	0.0					124.1	2.1	0.0	Record Number: 46
0.1270	0.0					129.9	2.2	0.0	30 Sep 2016 10:56:56

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well D4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:02:10

Z-Average (nm): 15.53964

Derived Count Rate (kcps): 54.8535957336...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.1		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.5		14.14	0.0		452.4	
0.01447	0.0		0.4630	1.1		14.81	0.0		473.8	
0.01516	0.0		0.4849	1.8		15.51	0.0		496.2	
0.01587	0.0		0.5078	2.4		16.24	0.0		519.7	
0.01662	0.0		0.5318	3.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	3.4		17.82	0.0		570.0	
0.01823	0.0		0.5833	3.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	3.6		19.54	0.0		625.2	
0.02000	0.0		0.6398	3.4		20.47	0.0		654.7	
0.02094	0.0		0.6700	3.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	2.4		22.45	0.0		718.1	
0.02297	0.0		0.7349	1.8		23.51	0.0		752.1	
0.02406	0.0		0.7696	1.1		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.5		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.1		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.1		1809	
0.05788	0.0		1.852	0.0		59.23	0.1		1895	
0.06062	0.0		1.939	0.0		62.04	0.3		1985	
0.06349	0.0		2.031	0.0		64.97	0.4		2078	
0.06649	0.0		2.127	0.0		68.04	0.5		2177	
0.06963	0.0		2.228	0.0		71.26	0.7		2280	
0.07292	0.0		2.333	0.0		74.63	0.8		2387	
0.07637	0.0		2.443	0.0		78.16	1.0		2500	
0.07999	0.0		2.559	0.0		81.85	1.1		2619	
0.08377	0.0		2.680	0.0		85.73	1.3		2742	
0.08773	0.0		2.806	0.0		89.78	1.5		2872	
0.09188	0.0		2.939	0.0		94.03	1.6		3008	
0.09622	0.0		3.078	0.0		98.47	1.7		3150	
0.1008	0.0		3.224	0.0		103.1	1.9		3299	
0.1055	0.0		3.376	0.0		108.0	2.0		3455	
0.1105	0.0		3.536	0.0		113.1	2.1		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.2		File name: Malaria	
0.1212	0.0		3.878			124.1	2.3		Record Number: 47	
0.1270	0.0		4.062			129.9	2.3		30 Sep 2016 10:56:58	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well D4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:05:41

Z-Average (nm): 9.741976

Derived Count Rate (kcps): 53.0172386169...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.5		10.23	0.3		327.4
0.01047	0.0		0.3350	0.5		10.72	0.3		342.9
0.01097	0.0		0.3509	0.5		11.22	0.4		359.1
0.01149	0.0		0.3675	0.6		11.76	0.4		376.1
0.01203	0.0		0.3848	0.7		12.31	0.4		393.8
0.01260	0.0		0.4030	0.8		12.89	0.4		412.5
0.01319	0.0		0.4221	1.0		13.50	0.4		432.0
0.01382	0.0		0.4421	1.1		14.14	0.4		452.4
0.01447	0.0		0.4630	1.3		14.81	0.4		473.8
0.01516	0.0		0.4849	1.4		15.51	0.4		496.2
0.01587	0.0		0.5078	1.6		16.24	0.4		519.7
0.01662	0.0		0.5318	1.7		17.01	0.4		544.2
0.01741	0.0		0.5570	1.7		17.82	0.3		570.0
0.01823	0.0		0.5833	1.8		18.66	0.3		596.9
0.01910	0.0		0.6109	1.8		19.54	0.3		625.2
0.02000	0.0		0.6398	1.7		20.47	0.2		654.7
0.02094	0.0		0.6700	1.6		21.43	0.2		685.7
0.02193	0.0		0.7017	1.5		22.45	0.2		718.1
0.02297	0.0		0.7349	1.3		23.51	0.1		752.1
0.02406	0.0		0.7696	1.1		24.62	0.1		787.6
0.02520	0.0		0.8060	0.9		25.79	0.1		824.9
0.02639	0.0		0.8442	0.7		27.00	0.1		863.9
0.02764	0.0		0.8841	0.4		28.28	0.1		904.7
0.02894	0.0		0.9259	0.3		29.62	0.0		947.5
0.03031	0.0		0.9697	0.1		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.1		1039
0.03325	0.0		1.064	0.0		34.02	0.1		1088
0.03482	0.0		1.114	0.0		35.63	0.1		1140
0.03646	0.0		1.167	0.0		37.32	0.1		1194
0.03819	0.0		1.222	0.0		39.08	0.1		1250
0.04000	0.0		1.279	0.0		40.93	0.2		1309
0.04189	0.0		1.340	0.0		42.87	0.2		1371
0.04387	0.0		1.403	0.0		44.89	0.3		1436
0.04594	0.0		1.470	0.0		47.02	0.3		1504
0.04811	0.0		1.539	0.0		49.24	0.4		1575
0.05039	0.0		1.612	0.0		51.57	0.4		1650
0.05277	0.0		1.688	0.0		54.01	0.5		1728
0.05527	0.0		1.768	0.0		56.56	0.5		1809
0.05788	0.0		1.852	0.0		59.23	0.6		1895
0.06062	0.0		1.939	0.0		62.04	0.7		1985
0.06349	0.0		2.031	0.0		64.97	0.7		2078
0.06649	0.0		2.127	0.0		68.04	0.8		2177
0.06963	0.0		2.228	0.0		71.26	0.8		2280
0.07292	0.0		2.333	0.0		74.63	0.9		2387
0.07637	0.0		2.443	0.0		78.16	1.0		2500
0.07999	0.0		2.559	0.0		81.85	1.0		2619
0.08377	0.0		2.680	0.0		85.73	1.1		2742
0.08773	0.0		2.806	0.0		89.78	1.1		2872
0.09188	0.0		2.939	0.0		94.03	1.1		3008
0.09622	0.0		3.078	0.0		98.47	1.2		3150
0.1008	0.0		3.224	0.0		103.1	1.2		3299
0.1055	0.0		3.376	0.0		108.0	1.3		3455
0.1105	0.0		3.536	0.0		113.1	1.3		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.3		File name: Malaria.dts Record Number: 48 30 Sep 2016 10:57:01
0.1212	0.0		3.878			124.1	1.3		
0.1270	0.0		4.062			129.9	1.3		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well E1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:11:18

Z-Average (nm): 1670.469

Derived Count Rate (kcps): 17365.9655794...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 49	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:57:03	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well E1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:13:36

Z-Average (nm): 1298.836

Derived Count Rate (kcps): 12088.4787434...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 50	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:57:05	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well E1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:15:53

Z-Average (nm): 1377.291

Derived Count Rate (kcps): 5918.41289346...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 51	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:57:06	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well E2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:21:28

Z-Average (nm): 1240.256

Derived Count Rate (kcps): 2838.55371093...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.0		3455
0.1105	0.0		3.536	0.0		113.1	0.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria.dts Record Number: 52 30 Sep 2016 10:57:09
0.1212	0.0		3.878			124.1	0.0		
0.1270	0.0		4.062			129.9	0.0		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well E2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:23:45

Z-Average (nm): 1349.31

Derived Count Rate (kcps): 5033.517578125

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.0		3455
0.1105	0.0		3.536	0.0		113.1	0.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria
0.1212	0.0		3.878			124.1	0.0		Record Number: 53
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:57:11

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well E2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:26:02

Z-Average (nm): 1447.305

Derived Count Rate (kcps): 2185.99243164...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 54	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:57:13	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well E3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:33:07

Z-Average (nm): 87.64051

Derived Count Rate (kcps): 59.2078475952...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	1.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.6		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.3		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.2		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.5		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.9		28.28	0.0		904.7	
0.02894	0.0		0.9259	1.3		29.62	0.0		947.5	
0.03031	0.0		0.9697	1.6		31.02	0.0		992.3	
0.03174	0.0		1.016	1.8		32.49	0.0		1039	
0.03325	0.0		1.064	2.0		34.02	0.0		1088	
0.03482	0.0		1.114	2.0		35.63	0.0		1140	
0.03646	0.0		1.167	1.8		37.32	0.0		1194	
0.03819	0.0		1.222	1.6		39.08	0.0		1250	
0.04000	0.0		1.279	1.3		40.93	0.0		1309	
0.04189	0.0		1.340	0.9		42.87	0.0		1371	
0.04387	0.0		1.403	0.5		44.89	0.0		1436	
0.04594	0.0		1.470	0.2		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.1		1895	
0.06062	0.0		1.939	0.0		62.04	0.2		1985	
0.06349	0.0		2.031	0.0		64.97	0.4		2078	
0.06649	0.0		2.127	0.0		68.04	0.6		2177	
0.06963	0.0		2.228	0.0		71.26	0.8		2280	
0.07292	0.0		2.333	0.0		74.63	0.9		2387	
0.07637	0.0		2.443	0.0		78.16	1.1		2500	
0.07999	0.0		2.559	0.0		81.85	1.3		2619	
0.08377	0.0		2.680	0.0		85.73	1.5		2742	
0.08773	0.0		2.806	0.0		89.78	1.6		2872	
0.09188	0.0		2.939	0.0		94.03	1.8		3008	
0.09622	0.0		3.078	0.0		98.47	1.9		3150	
0.1008	0.0		3.224	0.0		103.1	2.0		3299	
0.1055	0.0		3.376	0.0		108.0	2.1		3455	
0.1105	0.0		3.536	0.0		113.1	2.1		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.2		File name: Malaria.dts	
0.1212	0.0		3.878			124.1	2.2		Record Number: 55	
0.1270	0.0		4.062	0.0		129.9	2.2		30 Sep 2016 10:57:15	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well E3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:37:41

Z-Average (nm): 63.26392

Derived Count Rate (kcps): 57.5713920593...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.3		10.23	0.0		327.4
0.01047	0.0		0.3350	0.6		10.72	0.0		342.9
0.01097	0.0		0.3509	0.9		11.22	0.0		359.1
0.01149	0.0		0.3675	1.1		11.76	0.0		376.1
0.01203	0.0		0.3848	1.4		12.31	0.0		393.8
0.01260	0.0		0.4030	1.6		12.89	0.0		412.5
0.01319	0.0		0.4221	1.7		13.50	0.0		432.0
0.01382	0.0		0.4421	1.9		14.14	0.0		452.4
0.01447	0.0		0.4630	1.9		14.81	0.0		473.8
0.01516	0.0		0.4849	1.9		15.51	0.0		496.2
0.01587	0.0		0.5078	1.9		16.24	0.0		519.7
0.01662	0.0		0.5318	1.8		17.01	0.0		544.2
0.01741	0.0		0.5570	1.7		17.82	0.0		570.0
0.01823	0.0		0.5833	1.6		18.66	0.0		596.9
0.01910	0.0		0.6109	1.4		19.54	0.0		625.2
0.02000	0.0		0.6398	1.3		20.47	0.0		654.7
0.02094	0.0		0.6700	1.1		21.43	0.0		685.7
0.02193	0.0		0.7017	0.9		22.45	0.0		718.1
0.02297	0.0		0.7349	0.8		23.51	0.0		752.1
0.02406	0.0		0.7696	0.6		24.62	0.0		787.6
0.02520	0.0		0.8060	0.5		25.79	0.0		824.9
0.02639	0.0		0.8442	0.3		27.00	0.0		863.9
0.02764	0.0		0.8841	0.2		28.28	0.0		904.7
0.02894	0.0		0.9259	0.1		29.62	0.0		947.5
0.03031	0.0		0.9697	0.1		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.1		1088
0.03482	0.0		1.114	0.0		35.63	0.1		1140
0.03646	0.0		1.167	0.0		37.32	0.2		1194
0.03819	0.0		1.222	0.0		39.08	0.2		1250
0.04000	0.0		1.279	0.0		40.93	0.3		1309
0.04189	0.0		1.340	0.0		42.87	0.3		1371
0.04387	0.0		1.403	0.0		44.89	0.4		1436
0.04594	0.0		1.470	0.0		47.02	0.5		1504
0.04811	0.0		1.539	0.0		49.24	0.5		1575
0.05039	0.0		1.612	0.0		51.57	0.6		1650
0.05277	0.0		1.688	0.0		54.01	0.7		1728
0.05527	0.0		1.768	0.0		56.56	0.7		1809
0.05788	0.0		1.852	0.0		59.23	0.8		1895
0.06062	0.0		1.939	0.0		62.04	0.9		1985
0.06349	0.0		2.031	0.0		64.97	0.9		2078
0.06649	0.0		2.127	0.0		68.04	1.0		2177
0.06963	0.0		2.228	0.0		71.26	1.0		2280
0.07292	0.0		2.333	0.0		74.63	1.1		2387
0.07637	0.0		2.443	0.0		78.16	1.1		2500
0.07999	0.0		2.559	0.0		81.85	1.2		2619
0.08377	0.0		2.680	0.0		85.73	1.2		2742
0.08773	0.0		2.806	0.0		89.78	1.3		2872
0.09188	0.0		2.939	0.0		94.03	1.3		3008
0.09622	0.0		3.078	0.0		98.47	1.3		3150
0.1008	0.0		3.224	0.0		103.1	1.3		3299
0.1055	0.0		3.376	0.0		108.0	1.4		3455
0.1105	0.0		3.536	0.0		113.1	1.4		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.4		File name: Malaria
0.1212	0.0		3.878			124.1	1.4		Record Number: 56
0.1270	0.0		4.062			129.9	1.4		30 Sep 2016 10:57:17

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well E3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:42:14

Z-Average (nm): 101.4677

Derived Count Rate (kcps): 58.3838958740...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	1.5		10.23	0.0		327.4
0.01047	0.0		0.3350	1.9		10.72	0.0		342.9
0.01097	0.0		0.3509	2.2		11.22	0.0		359.1
0.01149	0.0		0.3675	2.3		11.76	0.0		376.1
0.01203	0.0		0.3848	2.3		12.31	0.0		393.8
0.01260	0.0		0.4030	2.1		12.89	0.0		412.5
0.01319	0.0		0.4221	1.8		13.50	0.0		432.0
0.01382	0.0		0.4421	1.4		14.14	0.0		452.4
0.01447	0.0		0.4630	1.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.6		15.51	0.0		496.2
0.01587	0.0		0.5078	0.3		16.24	0.0		519.7
0.01662	0.0		0.5318	0.1		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.1		25.79	0.0		824.9
0.02639	0.0		0.8442	0.3		27.00	0.0		863.9
0.02764	0.0		0.8841	0.6		28.28	0.0		904.7
0.02894	0.0		0.9259	0.8		29.62	0.0		947.5
0.03031	0.0		0.9697	1.1		31.02	0.0		992.3
0.03174	0.0		1.016	1.2		32.49	0.0		1039
0.03325	0.0		1.064	1.3		34.02	0.0		1088
0.03482	0.0		1.114	1.3		35.63	0.0		1140
0.03646	0.0		1.167	1.2		37.32	0.0		1194
0.03819	0.0		1.222	0.9		39.08	0.0		1250
0.04000	0.0		1.279	0.7		40.93	0.0		1309
0.04189	0.0		1.340	0.4		42.87	0.0		1371
0.04387	0.0		1.403	0.1		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.2		2280
0.07292	0.0		2.333	0.0		74.63	0.3		2387
0.07637	0.0		2.443	0.0		78.16	0.6		2500
0.07999	0.0		2.559	0.0		81.85	0.8		2619
0.08377	0.0		2.680	0.0		85.73	1.0		2742
0.08773	0.0		2.806	0.0		89.78	1.3		2872
0.09188	0.0		2.939	0.0		94.03	1.5		3008
0.09622	0.0		3.078	0.0		98.47	1.7		3150
0.1008	0.0		3.224	0.0		103.1	1.9		3299
0.1055	0.0		3.376	0.0		108.0	2.0		3455
0.1105	0.0		3.536	0.0		113.1	2.1		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.2		File name: Malaria.dts Record Number: 57 30 Sep 2016 10:57:19
0.1212	0.0		3.878			124.1	2.2		
0.1270	0.0		4.062			129.9	2.2		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well E4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:49:08

Z-Average (nm): 170.709

Derived Count Rate (kcps): 61.0258865356...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.1		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.7		11.22	0.0		359.1	
0.01149	0.0		0.3675	1.6		11.76	0.0		376.1	
0.01203	0.0		0.3848	2.5		12.31	0.0		393.8	
0.01260	0.0		0.4030	3.2		12.89	0.0		412.5	
0.01319	0.0		0.4221	3.6		13.50	0.0		432.0	
0.01382	0.0		0.4421	3.6		14.14	0.0		452.4	
0.01447	0.0		0.4630	3.3		14.81	0.0		473.8	
0.01516	0.0		0.4849	2.7		15.51	0.0		496.2	
0.01587	0.0		0.5078	1.9		16.24	0.0		519.7	
0.01662	0.0		0.5318	1.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.3		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.1		1194	
0.03819	0.0		1.222	0.0		39.08	0.1		1250	
0.04000	0.0		1.279	0.0		40.93	0.2		1309	
0.04189	0.0		1.340	0.0		42.87	0.3		1371	
0.04387	0.0		1.403	0.0		44.89	0.4		1436	
0.04594	0.0		1.470	0.0		47.02	0.4		1504	
0.04811	0.0		1.539	0.0		49.24	0.5		1575	
0.05039	0.0		1.612	0.0		51.57	0.6		1650	
0.05277	0.0		1.688	0.0		54.01	0.7		1728	
0.05527	0.0		1.768	0.0		56.56	0.8		1809	
0.05788	0.0		1.852	0.0		59.23	0.9		1895	
0.06062	0.0		1.939	0.0		62.04	1.0		1985	
0.06349	0.0		2.031	0.0		64.97	1.1		2078	
0.06649	0.0		2.127	0.0		68.04	1.2		2177	
0.06963	0.0		2.228	0.0		71.26	1.3		2280	
0.07292	0.0		2.333	0.0		74.63	1.5		2387	
0.07637	0.0		2.443	0.0		78.16	1.6		2500	
0.07999	0.0		2.559	0.0		81.85	1.7		2619	
0.08377	0.0		2.680	0.0		85.73	1.8		2742	
0.08773	0.0		2.806	0.0		89.78	1.9		2872	
0.09188	0.0		2.939	0.0		94.03	2.0		3008	
0.09622	0.0		3.078	0.0		98.47	2.1		3150	
0.1008	0.0		3.224	0.0		103.1	2.2		3299	
0.1055	0.0		3.376	0.0		108.0	2.3		3455	
0.1105	0.0		3.536	0.0		113.1	2.4		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.4		File name: Malaria	
0.1212	0.0		3.878			124.1	2.4		Record Number: 58	
0.1270	0.0		4.062			129.9	2.4		30 Sep 2016 10:57:21	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well E4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:53:30

Z-Average (nm): 98.43865

Derived Count Rate (kcps): 59.5810356140...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	2.7		10.23	0.0		327.4
0.01047	0.0		0.3350	2.1		10.72	0.0		342.9
0.01097	0.0		0.3509	1.4		11.22	0.0		359.1
0.01149	0.0		0.3675	0.8		11.76	0.0		376.1
0.01203	0.0		0.3848	0.3		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.1		1309
0.04189	0.0		1.340	0.0		42.87	0.2		1371
0.04387	0.0		1.403	0.0		44.89	0.3		1436
0.04594	0.0		1.470	0.0		47.02	0.4		1504
0.04811	0.0		1.539	0.0		49.24	0.5		1575
0.05039	0.0		1.612	0.0		51.57	0.6		1650
0.05277	0.0		1.688	0.0		54.01	0.7		1728
0.05527	0.0		1.768	0.0		56.56	0.8		1809
0.05788	0.0		1.852	0.0		59.23	0.9		1895
0.06062	0.0		1.939	0.0		62.04	1.0		1985
0.06349	0.0		2.031	0.0		64.97	1.1		2078
0.06649	0.0		2.127	0.0		68.04	1.1		2177
0.06963	0.0		2.228	0.0		71.26	1.2		2280
0.07292	0.0		2.333	0.0		74.63	1.3		2387
0.07637	0.0		2.443	0.0		78.16	1.3		2500
0.07999	0.0		2.559	0.0		81.85	1.4		2619
0.08377	0.0		2.680	0.0		85.73	1.4		2742
0.08773	0.0		2.806	0.0		89.78	1.5		2872
0.09188	0.0		2.939	0.0		94.03	1.5		3008
0.09622	0.0		3.078	0.0		98.47	1.6		3150
0.1008	0.0		3.224	0.0		103.1	1.7		3299
0.1055	0.0		3.376	0.0		108.0	1.7		3455
0.1105	0.0		3.536	0.0		113.1	1.8		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.8		File name: Malaria.dts Record Number: 59 30 Sep 2016 10:57:24
0.1212	0.0		3.878			124.1	1.9		
0.1270	0.0		4.062			129.9	2.0		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well E4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 17:57:53

Z-Average (nm): 67.27032

Derived Count Rate (kcps): 60.5448112487...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.6	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.7	0.5833	2.7	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	3.5	0.6398	3.7	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	3.5	0.7017	2.7	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	1.7	0.7696	0.6	15.51	0.0	0.0	496.2
0.01587	0.0	0.8442	0.0	0.8841	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.9259	0.0	0.9697	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	1.016	0.0	1.064	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.114	0.0	1.167	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.222	0.0	1.279	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.340	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.688	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.768	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.852	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	1.939	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.031	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.127	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.127	0.0	2.127	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.127	0.0	2.127	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.127	0.0	2.127	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.127	0.0	2.127	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.127	0.0	2.127	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.127	0.0	2.127	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.127	0.0	2.127	0.0	44.89	0.0	0.0	1436
0.04594	0.0	2.127	0.0	2.127	0.0	47.02	0.0	0.0	1504
0.04811	0.0	2.127	0.0	2.127	0.0	49.24	0.0	0.0	1575
0.05039	0.0	2.127	0.0	2.127	0.0	51.57	0.0	0.0	1650
0.05277	0.0	2.127	0.0	2.127	0.0	54.01	0.0	0.0	1728
0.05527	0.0	2.127	0.0	2.127	0.0	56.56	0.0	0.0	1809
0.05788	0.0	2.127	0.0	2.127	0.0	59.23	0.0	0.0	1895
0.06062	0.0	2.127	0.0	2.127	0.0	62.04	0.0	0.0	1985
0.06349	0.0	2.127	0.0	2.127	0.0	64.97	0.0	0.0	2078
0.06649	0.0	2.127	0.0	2.127	0.0	68.04	0.0	0.0	2177
0.06963	0.0	2.127	0.0	2.127	0.0	71.26	0.2	0.2	2280
0.07292	0.0	2.127	0.0	2.127	0.0	74.63	0.5	0.5	2387
0.07637	0.0	2.127	0.0	2.127	0.0	78.16	0.9	0.9	2500
0.07999	0.0	2.127	0.0	2.127	0.0	81.85	1.3	1.3	2619
0.08377	0.0	2.127	0.0	2.127	0.0	85.73	1.7	1.7	2742
0.08773	0.0	2.127	0.0	2.127	0.0	89.78	2.0	2.0	2872
0.09188	0.0	2.127	0.0	2.127	0.0	94.03	2.4	2.4	3008
0.09622	0.0	2.127	0.0	2.127	0.0	98.47	2.7	2.7	3150
0.1008	0.0	2.127	0.0	2.127	0.0	103.1	2.9	2.9	3299
0.1055	0.0	2.127	0.0	2.127	0.0	108.0	3.1	3.1	3455
0.1105	0.0	2.127	0.0	2.127	0.0	113.1	3.2	3.2	3618
0.1158	0.0	2.127	0.0	2.127	0.0	118.5	3.3	3.3	File name: Malaria
0.1212	0.0	2.127	0.0	2.127	0.0	124.1	3.4	3.4	Record Number: 60
0.1270	0.0	2.127	0.0	2.127	0.0	129.9	3.4	3.4	30 Sep 2016 10:57:25

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well F1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:04:16

Z-Average (nm): 249.1893

Derived Count Rate (kcps): 198.275634765...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.1		3299
0.1055	0.0		3.376	0.0		108.0	0.6		3455
0.1105	0.0		3.536	0.0		113.1	1.4		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.4		File name: Malaria
0.1212	0.0		3.878			124.1	3.3		Record Number: 61
0.1270	0.0		4.062			129.9	4.1		30 Sep 2016 10:57:28

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well F1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:08:08

Z-Average (nm): 285.9481

Derived Count Rate (kcps): 146.608886718...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	2.2		19.54	0.0		625.2
0.02000	0.0		0.6398	2.9		20.47	0.0		654.7
0.02094	0.0		0.6700	1.4		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.9		3150
0.1008	0.0		3.224	0.0		103.1	3.8		3299
0.1055	0.0		3.376	0.0		108.0	7.1		3455
0.1105	0.0		3.536	0.0		113.1	9.7		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	11.1		File name: Malaria
0.1212	0.0		3.878			124.1	11.0		Record Number: 62
0.1270	0.0		4.062			129.9	9.5		30 Sep 2016 10:57:29

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well F1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:11:58

Z-Average (nm): 338.1769

Derived Count Rate (kcps): 115.729545593...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	1.5	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	2.6	0.5570	2.6	13.50	0.0	0.0	432.0
0.01382	0.0	0.5833	2.5	0.6109	1.2	14.14	0.0	0.0	452.4
0.01447	0.0	0.6398	0.0	0.6700	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.6700	0.0	0.6949	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.7017	0.0	0.7349	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.7349	0.0	0.7696	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.8060	0.0	0.8442	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.8841	0.0	0.9259	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	0.9697	0.0	1.016	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.064	0.0	1.114	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.167	0.0	1.222	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.279	0.0	1.340	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.340	0.0	1.403	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.403	0.0	1.470	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.470	0.0	1.539	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.612	0.0	1.688	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.688	0.0	1.768	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.768	0.0	1.852	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	1.852	0.0	1.939	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	1.939	0.0	2.031	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.031	0.0	2.127	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.127	0.0	2.228	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.228	0.0	2.333	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.333	0.0	2.443	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.443	0.0	2.559	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.559	0.0	2.680	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.680	0.0	2.806	0.0	44.89	0.0	0.0	1436
0.04594	0.0	2.806	0.0	2.939	0.0	47.02	0.0	0.0	1504
0.04811	0.0	2.939	0.0	3.078	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.078	0.0	3.224	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.224	0.0	3.376	0.0	54.01	0.0	0.0	1728
0.05527	0.0	3.376	0.0	3.536	0.0	56.56	0.0	0.0	1809
0.05788	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	59.23	0.0	0.0	1895
0.06062	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	62.04	0.0	0.0	1985
0.06349	0.0	3.878	Serial Number : MAL1063070	4.062		64.97	0.0	0.0	2078
0.06649	0.0	4.062				68.04	0.0	0.0	2177
0.06963	0.0					71.26	0.0	0.0	2280
0.07292	0.0					74.63	0.0	0.0	2387
0.07637	0.0					78.16	0.0	0.0	2500
0.07999	0.0					81.85	0.0	0.0	2619
0.08377	0.0					85.73	0.0	0.0	2742
0.08773	0.0					89.78	0.0	0.0	2872
0.09188	0.0					94.03	0.5	0.5	3008
0.09622	0.0					98.47	1.2	1.2	3150
0.1008	0.0					103.1	2.2	2.2	3299
0.1055	0.0					108.0	3.2	3.2	3455
0.1105	0.0					113.1	4.2	4.2	3618
0.1158	0.0					118.5	5.0	5.0	File name: Malaria.dts
0.1212	0.0					124.1	5.6	5.6	Record Number: 63
0.1270	0.0					129.9	5.9	5.9	30 Sep 2016 10:57:31

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well F2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:17:07

Z-Average (nm): 268.9904

Derived Count Rate (kcps): 279.549468994...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 64	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:57:33	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well F2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:19:45

Z-Average (nm): 178.2892

Derived Count Rate (kcps): 85.4426651000...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.6		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.7		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.8		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.9		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.9		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.8		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.6		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.4		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.2		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.1		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.2		2078	
0.06649	0.0		2.127	0.0		68.04	0.5		2177	
0.06963	0.0		2.228	0.0		71.26	0.8		2280	
0.07292	0.0		2.333	0.0		74.63	1.2		2387	
0.07637	0.0		2.443	0.0		78.16	1.5		2500	
0.07999	0.0		2.559	0.0		81.85	1.8		2619	
0.08377	0.0		2.680	0.0		85.73	2.1		2742	
0.08773	0.0		2.806	0.0		89.78	2.3		2872	
0.09188	0.0		2.939	0.0		94.03	2.4		3008	
0.09622	0.0		3.078	0.0		98.47	2.4		3150	
0.1008	0.0		3.224	0.0		103.1	2.4		3299	
0.1055	0.0		3.376	0.0		108.0	2.4		3455	
0.1105	0.0		3.536	0.0		113.1	2.3		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.2		File name: Malaria	
0.1212	0.0		3.878			124.1	2.0		Record Number: 65	
0.1270	0.0		4.062			129.9	1.9		30 Sep 2016 10:57:35	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well F2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:22:23

Z-Average (nm): 207.85

Derived Count Rate (kcps): 303.508026123...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	20.47	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	21.43	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	22.45	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	23.51	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.612	0.0	24.62	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	787.6
0.02520	0.0	1.852	0.0	2.031	0.0	27.00	0.0	0.0	824.9
0.02639	0.0	2.031	0.0	2.127	0.0	28.28	0.0	0.0	863.9
0.02764	0.0	2.127	0.0	2.228	0.0	29.62	0.0	0.0	904.7
0.02894	0.0	2.228	0.0	2.333	0.0	31.02	0.0	0.0	947.5
0.03031	0.0	2.333	0.0	2.443	0.0	32.49	0.0	0.0	992.3
0.03174	0.0	2.443	0.0	2.559	0.0	34.02	0.0	0.0	1039
0.03325	0.0	2.559	0.0	2.680	0.0	35.63	0.0	0.0	1088
0.03482	0.0	2.680	0.0	2.806	0.0	37.32	0.0	0.0	1140
0.03646	0.0	2.806	0.0	2.939	0.0	39.08	0.0	0.0	1194
0.03819	0.0	2.939	0.0	3.078	0.0	40.93	0.0	0.0	1250
0.04000	0.0	3.078	0.0	3.224	0.0	42.87	0.0	0.0	1309
0.04189	0.0	3.224	0.0	3.376	0.0	44.89	0.0	0.0	1371
0.04387	0.0	3.376	0.0	3.536	0.0	47.02	0.0	0.0	1436
0.04594	0.0	3.536	0.0	3.703	0.0	49.24	0.0	0.0	1504
0.04811	0.0	3.703	0.0	3.877	0.0	51.57	0.0	0.0	1575
0.05039	0.0	3.877	0.0	4.045	0.0	54.01	0.0	0.0	1650
0.05277	0.0	4.045	0.0	4.213	0.0	56.56	0.0	0.0	1728
0.05527	0.0	4.213	0.0	4.381	0.0	59.23	0.0	0.0	1809
0.05788	0.0	4.381	0.0	4.549	0.0	62.04	0.0	0.0	1895
0.06062	0.0	4.549	0.0	4.717	0.0	64.97	0.0	0.0	1985
0.06349	0.0	4.717	0.0	4.885	0.0	68.04	0.0	0.0	2078
0.06649	0.0	4.885	0.0	5.053	0.0	71.26	0.0	0.0	2177
0.06963	0.0	5.053	0.0	5.221	0.0	74.63	0.0	0.0	2280
0.07292	0.0	5.221	0.0	5.389	0.0	78.16	0.0	0.0	2387
0.07637	0.0	5.389	0.0	5.559	0.0	81.85	0.0	0.0	2500
0.07999	0.0	5.559	0.0	5.728	0.0	85.73	0.0	0.0	2619
0.08377	0.0	5.728	0.0	5.896	0.0	89.78	0.0	0.0	2742
0.08773	0.0	5.896	0.0	6.064	0.0	94.03	0.0	0.0	2872
0.09188	0.0	6.064	0.0	6.232	0.0	98.47	0.0	0.0	3008
0.09622	0.0	6.232	0.0	6.400	0.0	103.1	0.0	0.0	3150
0.1008	0.0	6.400	0.0	6.568	0.0	108.0	0.0	0.0	3299
0.1055	0.0	6.568	0.0	6.736	0.0	113.1	0.0	0.0	3455
0.1105	0.0	6.736	0.0	6.904	0.0	118.5	0.0	0.0	3618
0.1158	0.0	6.904	0.0	7.072	0.0	124.1	0.1	0.1	File name: Malaria.dts
0.1212	0.0	7.072	0.0	7.240	0.0	129.9	0.8	0.8	Record Number: 66
0.1270	0.0	7.240	0.0	7.408	0.0				30 Sep 2016 10:57:37

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well F3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:28:26

Z-Average (nm): 249.7877

Derived Count Rate (kcps): 104.767707824...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.0		3455
0.1105	0.0		3.536	0.0		113.1	0.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria
0.1212	0.0		3.878			124.1	1.9		Record Number: 67
0.1270	0.0		4.062			129.9	13.8		30 Sep 2016 10:57:39

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well F3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:31:57

Z-Average (nm): 199.7555

Derived Count Rate (kcps): 97.8928756713...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.6		17.82	0.0		570.0
0.01823	0.0		0.5833	1.5		18.66	0.0		596.9
0.01910	0.0		0.6109	1.9		19.54	0.0		625.2
0.02000	0.0		0.6398	1.7		20.47	0.0		654.7
0.02094	0.0		0.6700	1.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.1		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.3		3299
0.1055	0.0		3.376	0.0		108.0	1.4		3455
0.1105	0.0		3.536	0.0		113.1	2.9		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	4.5		File name: Malaria
0.1212	0.0		3.878			124.1	6.2		Record Number: 68
0.1270	0.0		4.062			129.9	7.7		30 Sep 2016 10:57:41

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well F3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:35:27

Z-Average (nm): 144.1871

Derived Count Rate (kcps): 77.8897628784...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.1		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.4		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.8		16.24	0.0		519.7	
0.01662	0.0		0.5318	1.1		17.01	0.0		544.2	
0.01741	0.0		0.5570	1.4		17.82	0.0		570.0	
0.01823	0.0		0.5833	1.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	1.6		19.54	0.0		625.2	
0.02000	0.0		0.6398	1.4		20.47	0.0		654.7	
0.02094	0.0		0.6700	1.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.5		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.1		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.1		3008	
0.09622	0.0		3.078	0.0		98.47	1.0		3150	
0.1008	0.0		3.224	0.0		103.1	2.2		3299	
0.1055	0.0		3.376	0.0		108.0	3.6		3455	
0.1105	0.0		3.536	0.0		113.1	5.1		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	6.4		File name: Malaria	
0.1212	0.0		3.878			124.1	7.4		Record Number: 69	
0.1270	0.0		4.062			129.9	8.2		30 Sep 2016 10:57:43	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well F4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:42:22

Z-Average (nm): 71.40902

Derived Count Rate (kcps): 61.2968254089...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.2		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.5		11.22	0.0		359.1	
0.01149	0.0		0.3675	1.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	1.6		12.31	0.0		393.8	
0.01260	0.0		0.4030	2.1		12.89	0.0		412.5	
0.01319	0.0		0.4221	2.5		13.50	0.0		432.0	
0.01382	0.0		0.4421	2.8		14.14	0.0		452.4	
0.01447	0.0		0.4630	2.9		14.81	0.0		473.8	
0.01516	0.0		0.4849	2.9		15.51	0.0		496.2	
0.01587	0.0		0.5078	2.7		16.24	0.0		519.7	
0.01662	0.0		0.5318	2.3		17.01	0.0		544.2	
0.01741	0.0		0.5570	1.8		17.82	0.0		570.0	
0.01823	0.0		0.5833	1.3		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.3		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.1		1371	
0.04387	0.0		1.403	0.0		44.89	0.1		1436	
0.04594	0.0		1.470	0.0		47.02	0.2		1504	
0.04811	0.0		1.539	0.0		49.24	0.3		1575	
0.05039	0.0		1.612	0.0		51.57	0.3		1650	
0.05277	0.0		1.688	0.0		54.01	0.4		1728	
0.05527	0.0		1.768	0.0		56.56	0.5		1809	
0.05788	0.0		1.852	0.0		59.23	0.6		1895	
0.06062	0.0		1.939	0.0		62.04	0.8		1985	
0.06349	0.0		2.031	0.0		64.97	0.9		2078	
0.06649	0.0		2.127	0.0		68.04	1.0		2177	
0.06963	0.0		2.228	0.0		71.26	1.1		2280	
0.07292	0.0		2.333	0.0		74.63	1.2		2387	
0.07637	0.0		2.443	0.0		78.16	1.3		2500	
0.07999	0.0		2.559	0.0		81.85	1.4		2619	
0.08377	0.0		2.680	0.0		85.73	1.5		2742	
0.08773	0.0		2.806	0.0		89.78	1.6		2872	
0.09188	0.0		2.939	0.0		94.03	1.7		3008	
0.09622	0.0		3.078	0.0		98.47	1.8		3150	
0.1008	0.0		3.224	0.0		103.1	1.9		3299	
0.1055	0.0		3.376	0.0		108.0	1.9		3455	
0.1105	0.0		3.536	0.0		113.1	2.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.0		File name: Malaria.dts	
0.1212	0.0		3.878			124.1	2.1		Record Number: 70	
0.1270	0.0		4.062	0.0		129.9	2.1		30 Sep 2016 10:57:45	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well F4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:46:43

Z-Average (nm): 21.74001

Derived Count Rate (kcps): 59.0602264404...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	2.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	2.4		10.72	0.0		342.9	
0.01097	0.0		0.3509	2.6		11.22	0.0		359.1	
0.01149	0.0		0.3675	2.8		11.76	0.0		376.1	
0.01203	0.0		0.3848	2.9		12.31	0.0		393.8	
0.01260	0.0		0.4030	2.9		12.89	0.0		412.5	
0.01319	0.0		0.4221	2.8		13.50	0.0		432.0	
0.01382	0.0		0.4421	2.5		14.14	0.0		452.4	
0.01447	0.0		0.4630	2.3		14.81	0.0		473.8	
0.01516	0.0		0.4849	1.9		15.51	0.0		496.2	
0.01587	0.0		0.5078	1.5		16.24	0.0		519.7	
0.01662	0.0		0.5318	1.1		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.7		17.82	0.0		570.0	
0.01823	0.0		0.5833	0.4		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.1		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.1		1504	
0.04811	0.0		1.539	0.0		49.24	0.1		1575	
0.05039	0.0		1.612	0.0		51.57	0.2		1650	
0.05277	0.0		1.688	0.0		54.01	0.3		1728	
0.05527	0.0		1.768	0.0		56.56	0.4		1809	
0.05788	0.0		1.852	0.0		59.23	0.5		1895	
0.06062	0.0		1.939	0.0		62.04	0.7		1985	
0.06349	0.0		2.031	0.0		64.97	0.8		2078	
0.06649	0.0		2.127	0.0		68.04	0.9		2177	
0.06963	0.0		2.228	0.0		71.26	1.0		2280	
0.07292	0.0		2.333	0.0		74.63	1.1		2387	
0.07637	0.0		2.443	0.0		78.16	1.2		2500	
0.07999	0.0		2.559	0.0		81.85	1.3		2619	
0.08377	0.0		2.680	0.0		85.73	1.4		2742	
0.08773	0.0		2.806	0.0		89.78	1.5		2872	
0.09188	0.0		2.939	0.0		94.03	1.6		3008	
0.09622	0.0		3.078	0.0		98.47	1.6		3150	
0.1008	0.0		3.224	0.0		103.1	1.7		3299	
0.1055	0.0		3.376	0.0		108.0	1.7		3455	
0.1105	0.0		3.536	0.0		113.1	1.7		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.8		File name: Malaria	
0.1212	0.0		3.878			124.1	1.8		Record Number: 71	
0.1270	0.0		4.062			129.9	1.8		30 Sep 2016 10:57:47	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well F4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:51:06

Z-Average (nm): 107.6887

Derived Count Rate (kcps): 65.6144256591...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	2.1		17.82	0.0		570.0	
0.01823	0.0		0.5833	3.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	3.5		19.54	0.0		625.2	
0.02000	0.0		0.6398	3.5		20.47	0.0		654.7	
0.02094	0.0		0.6700	2.9		21.43	0.0		685.7	
0.02193	0.0		0.7017	2.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	1.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.2		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.1		2177	
0.06963	0.0		2.228	0.0		71.26	0.2		2280	
0.07292	0.0		2.333	0.0		74.63	0.3		2387	
0.07637	0.0		2.443	0.0		78.16	0.5		2500	
0.07999	0.0		2.559	0.0		81.85	0.6		2619	
0.08377	0.0		2.680	0.0		85.73	0.8		2742	
0.08773	0.0		2.806	0.0		89.78	1.0		2872	
0.09188	0.0		2.939	0.0		94.03	1.2		3008	
0.09622	0.0		3.078	0.0		98.47	1.4		3150	
0.1008	0.0		3.224	0.0		103.1	1.6		3299	
0.1055	0.0		3.376	0.0		108.0	1.8		3455	
0.1105	0.0		3.536	0.0		113.1	2.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.2		File name: Malaria	
0.1212	0.0		3.878			124.1	2.4		Record Number: 72	
0.1270	0.0		4.062			129.9	2.6		30 Sep 2016 10:57:49	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well G1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:56:39

Z-Average (nm): 546.7888

Derived Count Rate (kcps): 200.774169921...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.0		2742
0.08773	0.0		2.806	0.0		89.78	0.0		2872
0.09188	0.0		2.939	0.0		94.03	0.0		3008
0.09622	0.0		3.078	0.0		98.47	0.0		3150
0.1008	0.0		3.224	0.0		103.1	0.0		3299
0.1055	0.0		3.376	0.0		108.0	0.0		3455
0.1105	0.0		3.536	0.0		113.1	0.0		3618
0.1158	0.0		3.703	0.0	Zetasizer Ver. 7.01	118.5	0.1		
0.1212	0.0		3.878	0.0	Serial Number : MAL1063070	124.1	0.9		
0.1270	0.0		4.062	0.0		129.9	2.1		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well G1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 18:59:37

Z-Average (nm): 512.5411

Derived Count Rate (kcps): 144.650085449...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3199	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3350	0.0	0.3350	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3509	0.0	0.3509	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.3675	0.0	0.3675	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.3848	0.0	0.3848	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.4030	0.0	0.4030	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.4221	0.0	0.4221	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.4421	0.0	0.4421	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.4630	0.0	0.4630	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.4849	0.0	0.4849	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.5078	0.0	0.5078	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.5318	0.0	0.5318	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.5570	0.0	0.5570	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.5833	0.0	0.5833	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	0.6109	0.0	0.6109	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	0.6398	0.0	0.6398	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	0.6700	0.0	0.6700	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	0.7017	0.0	0.7017	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	0.7349	0.0	0.7349	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	0.7696	0.0	0.7696	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	0.8060	0.0	0.8060	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	0.8442	0.0	0.8442	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	0.8841	0.0	0.8841	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	0.9259	0.0	0.9259	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	0.9697	0.0	0.9697	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	1.016	0.0	1.016	0.0	32.49	0.0	0.0	1039
0.03325	0.0	1.064	0.0	1.064	0.0	34.02	0.0	0.0	1088
0.03482	0.0	1.114	0.0	1.114	0.0	35.63	0.0	0.0	1140
0.03646	0.0	1.167	0.0	1.167	0.0	37.32	0.0	0.0	1194
0.03819	0.0	1.222	0.0	1.222	0.0	39.08	0.0	0.0	1250
0.04000	0.0	1.279	0.0	1.279	0.0	40.93	0.0	0.0	1309
0.04189	0.0	1.340	0.0	1.340	0.0	42.87	0.0	0.0	1371
0.04387	0.0	1.403	0.0	1.403	0.0	44.89	0.0	0.0	1436
0.04594	0.0	1.470	0.0	1.470	0.0	47.02	0.0	0.0	1504
0.04811	0.0	1.539	0.0	1.539	0.0	49.24	0.0	0.0	1575
0.05039	0.0	1.612	0.0	1.612	0.0	51.57	0.0	0.0	1650
0.05277	0.0	1.688	0.0	1.688	0.0	54.01	0.0	0.0	1728
0.05527	0.0	1.768	0.0	1.768	0.0	56.56	0.0	0.0	1809
0.05788	0.0	1.852	0.0	1.852	0.0	59.23	0.0	0.0	1895
0.06062	0.0	1.939	0.0	1.939	0.0	62.04	0.0	0.0	1985
0.06349	0.0	2.031	0.0	2.031	0.0	64.97	0.0	0.0	2078
0.06649	0.0	2.127	0.0	2.127	0.0	68.04	0.0	0.0	2177
0.06963	0.0	2.228	0.0	2.228	0.0	71.26	0.0	0.0	2280
0.07292	0.0	2.333	0.0	2.333	0.0	74.63	0.0	0.0	2387
0.07637	0.0	2.443	0.0	2.443	0.0	78.16	0.0	0.0	2500
0.07999	0.0	2.559	0.0	2.559	0.0	81.85	0.0	0.0	2619
0.08377	0.0	2.680	0.0	2.680	0.0	85.73	0.0	0.0	2742
0.08773	0.0	2.806	0.0	2.806	0.0	89.78	0.0	0.0	2872
0.09188	0.0	2.939	0.0	2.939	0.0	94.03	0.0	0.0	3008
0.09622	0.0	3.078	0.0	3.078	0.0	98.47	0.0	0.0	3150
0.1008	0.0	3.224	0.0	3.224	0.0	103.1	0.0	0.0	3299
0.1055	0.0	3.376	0.0	3.376	0.0	108.0	0.0	0.0	3455
0.1105	0.0	3.536	0.0	3.536	0.0	113.1	0.0	0.0	3618
0.1158	0.0	3.703	Zetasizer Ver. 7.01	3.703	0.0	118.5	0.0	0.0	File name: Malaria
0.1212	0.0	3.878	Serial Number : MAL1063070	3.878	0.0	124.1	0.0	0.0	Record Number: 74
0.1270	0.0	4.062		4.062	0.0	129.9	0.0	0.0	30 Sep 2016 10:57:53

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well G1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:02:35

Z-Average (nm): 455.1383

Derived Count Rate (kcps): 150.606170654...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.0	0.5318	0.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	0.0	0.5833	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.612	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.852	0.0	1.939	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	2.031	0.0	2.127	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	2.127	0.0	2.228	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.228	0.0	2.333	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.333	0.0	2.443	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.443	0.0	2.559	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.559	0.0	2.680	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.680	0.0	2.806	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.806	0.0	2.939	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.939	0.0	3.078	0.0	39.08	0.0	0.0	1250
0.04000	0.0	3.078	0.0	3.224	0.0	40.93	0.0	0.0	1309
0.04189	0.0	3.224	0.0	3.376	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.376	0.0	3.536	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.536	0.0	3.703	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.703	0.0	3.877	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.877	0.0	3.939	0.0	51.57	0.0	0.0	1650
0.05277	0.0	3.939	0.0	4.078	0.0	54.01	0.0	0.0	1728
0.05527	0.0	4.078	0.0	4.224	0.0	56.56	0.0	0.0	1809
0.05788	0.0	4.224	0.0	4.380	0.0	59.23	0.0	0.0	1895
0.06062	0.0	4.380	0.0	4.536	0.0	62.04	0.0	0.0	1985
0.06349	0.0	4.536	0.0	4.701	0.0	64.97	0.0	0.0	2078
0.06649	0.0	4.701	0.0	4.866	0.0	68.04	0.0	0.0	2177
0.06963	0.0	4.866	0.0	5.021	0.0	71.26	0.0	0.0	2280
0.07292	0.0	5.021	0.0	5.176	0.0	74.63	0.0	0.0	2387
0.07637	0.0	5.176	0.0	5.333	0.0	78.16	0.0	0.0	2500
0.07999	0.0	5.333	0.0	5.489	0.0	81.85	0.0	0.0	2619
0.08377	0.0	5.489	0.0	5.644	0.0	85.73	0.0	0.0	2742
0.08773	0.0	5.644	0.0	5.806	0.0	89.78	0.0	0.0	2872
0.09188	0.0	5.806	0.0	5.969	0.0	94.03	0.0	0.0	3008
0.09622	0.0	5.969	0.0	6.127	0.0	98.47	0.0	0.0	3150
0.1008	0.0	6.127	0.0	6.284	0.0	103.1	0.0	0.0	3299
0.1055	0.0	6.284	0.0	6.436	0.0	108.0	0.0	0.0	3455
0.1105	0.0	6.436	0.0	6.586	0.0	113.1	0.0	0.0	3618
0.1158	0.0	6.586	0.0	6.736	0.0	118.5	0.0	0.0	3618
0.1212	0.0	6.736	0.0	6.881	0.0	124.1	0.0	0.0	3618
0.1270	0.0	6.881	0.0	7.026	0.0	129.9	0.0	0.0	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well G2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:08:48

Z-Average (nm): 279.8744

Derived Count Rate (kcps): 66.6092224121...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	1.1		10.23	0.0		327.4
0.01047	0.0		0.3350	1.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.8		11.22	0.0		359.1
0.01149	0.0		0.3675	0.5		11.76	0.0		376.1
0.01203	0.0		0.3848	0.1		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.2		21.43	0.0		685.7
0.02193	0.0		0.7017	0.6		22.45	0.0		718.1
0.02297	0.0		0.7349	1.0		23.51	0.0		752.1
0.02406	0.0		0.7696	1.3		24.62	0.0		787.6
0.02520	0.0		0.8060	1.5		25.79	0.0		824.9
0.02639	0.0		0.8442	1.4		27.00	0.0		863.9
0.02764	0.0		0.8841	1.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.6		29.62	0.0		947.5
0.03031	0.0		0.9697	0.2		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.2		2387
0.07637	0.0		2.443	0.0		78.16	0.5		2500
0.07999	0.0		2.559	0.0		81.85	0.8		2619
0.08377	0.0		2.680	0.0		85.73	1.1		2742
0.08773	0.0		2.806	0.0		89.78	1.5		2872
0.09188	0.0		2.939	0.0		94.03	1.8		3008
0.09622	0.0		3.078	0.0		98.47	2.1		3150
0.1008	0.0		3.224	0.0		103.1	2.3		3299
0.1055	0.0		3.376	0.0		108.0	2.5		3455
0.1105	0.0		3.536	0.0		113.1	2.6		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.6		File name: Malaria
0.1212	0.0		3.878			124.1	2.5		Record Number: 76
0.1270	0.0		4.062			129.9	2.4		30 Sep 2016 10:57:57

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well G2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:12:27

Z-Average (nm): 361.1696

Derived Count Rate (kcps): 82.5197296142...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.0	0.4849	0.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	0.9	0.5318	2.3	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	2.6	0.5833	1.6	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.1	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.470	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.539	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.612	0.0	1.688	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.688	0.0	1.768	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.768	0.0	1.852	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	1.939	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.939	0.0	2.031	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.031	0.0	2.127	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.127	0.0	2.228	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.228	0.0	2.333	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.333	0.0	2.443	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.443	0.0	2.559	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.559	0.0	2.680	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.680	0.0	2.806	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.806	0.0	2.939	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.939	0.0	3.078	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.078	0.0	3.224	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.224	0.0	3.376	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.376	0.0	3.536	0.0	49.24	0.0	0.0	1575
0.05039	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	51.57	0.0	0.0	1650
0.05277	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	54.01	0.0	0.0	1728
0.05527	0.0	3.878	Serial Number : MAL1063070	4.062		56.56	0.0	0.0	1809
0.05788	0.0	4.062				59.23	0.0	0.0	1895
0.06062	0.0					62.04	0.0	0.0	1985
0.06349	0.0					64.97	0.0	0.0	2078
0.06649	0.0					68.04	0.0	0.0	2177
0.06963	0.0					71.26	0.0	0.0	2280
0.07292	0.0					74.63	0.0	0.0	2387
0.07637	0.0					78.16	0.0	0.0	2500
0.07999	0.0					81.85	0.0	0.0	2619
0.08377	0.0					85.73	0.0	0.0	2742
0.08773	0.0					89.78	0.0	0.0	2872
0.09188	0.0					94.03	0.0	0.0	3008
0.09622	0.0					98.47	0.0	0.0	3150
0.1008	0.0					103.1	0.0	0.0	3299
0.1055	0.0					108.0	0.5	0.5	3455
0.1105	0.0					113.1	1.2	1.2	3618
0.1158	0.0					118.5	2.0	2.0	File name: Malaria
0.1212	0.0					124.1	2.7	2.7	Record Number: 77
0.1270	0.0					129.9	3.2	3.2	30 Sep 2016 10:57:59

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well G2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:16:08

Z-Average (nm): 296.9906

Derived Count Rate (kcps): 62.4173278808...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.1	0.4030	0.9	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	1.8	0.4421	2.5	11.76	0.0	0.0	376.1
0.01203	0.0	0.4421	2.5	0.4630	2.8	12.31	0.0	0.0	393.8
0.01260	0.0	0.4849	2.6	0.5078	2.1	12.89	0.0	0.0	412.5
0.01319	0.0	0.5318	1.4	0.5570	0.7	13.50	0.0	0.0	432.0
0.01382	0.0	0.5833	0.2	0.6109	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6398	0.0	0.6700	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.6700	0.0	0.7017	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.7349	0.0	0.7696	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8060	0.0	0.8442	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.8841	0.0	0.9259	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.9697	0.0	1.016	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.167	0.0	1.222	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.279	0.0	1.340	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.340	0.0	1.403	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.403	0.0	1.470	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.539	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	1.939	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	2.031	0.0	2.127	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.127	0.0	2.228	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.333	0.0	2.443	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.559	0.0	2.680	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.806	0.0	2.939	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.939	0.0	3.078	0.0	35.63	0.0	0.0	1140
0.03646	0.0	3.078	0.0	3.224	0.0	37.32	0.0	0.0	1194
0.03819	0.0	3.224	0.0	3.376	0.0	39.08	0.0	0.0	1250
0.04000	0.0	3.376	0.0	3.536	0.0	40.93	0.0	0.0	1309
0.04189	0.0	3.536	0.0	3.703	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.703	0.0	3.877	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.877	0.0	3.939	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.939	0.0	4.078	0.0	49.24	0.0	0.0	1575
0.05039	0.0	4.078	0.0	4.224	0.0	51.57	0.0	0.0	1650
0.05277	0.0	4.224	0.0	4.376	0.0	54.01	0.0	0.0	1728
0.05527	0.0	4.376	0.0	4.536	0.0	56.56	0.0	0.0	1809
0.05788	0.0	4.536	0.0	4.706	0.0	59.23	0.0	0.0	1895
0.06062	0.0	4.706	0.0	4.864	0.0	62.04	0.0	0.0	1985
0.06349	0.0	4.864	0.0	5.031	0.0	64.97	0.0	0.0	2078
0.06649	0.0	5.031	0.0	5.201	0.0	68.04	0.0	0.0	2177
0.06963	0.0	5.201	0.0	5.376	0.0	71.26	0.0	0.0	2280
0.07292	0.0	5.376	0.0	5.551	0.0	74.63	0.0	0.0	2387
0.07637	0.0	5.551	0.0	5.727	0.0	78.16	0.0	0.0	2500
0.07999	0.0	5.727	0.0	5.906	0.0	81.85	0.0	0.0	2619
0.08377	0.0	5.906	0.0	6.080	0.0	85.73	0.0	0.0	2742
0.08773	0.0	6.080	0.0	6.254	0.0	89.78	0.2	0.2	2872
0.09188	0.0	6.254	0.0	6.439	0.0	94.03	0.4	0.4	3008
0.09622	0.0	6.439	0.0	6.624	0.0	98.47	0.7	0.7	3150
0.1008	0.0	6.624	0.0	6.814	0.0	103.1	1.0	1.0	3299
0.1055	0.0	6.814	0.0	7.006	0.0	108.0	1.3	1.3	3455
0.1105	0.0	7.006	0.0	7.201	0.0	113.1	1.6	1.6	3618
0.1158	0.0	7.201	0.0	7.406	0.0	118.5	2.0	2.0	3618
0.1212	0.0	7.406	0.0	7.616	0.0	124.1	2.3	2.3	3618
0.1270	0.0	7.616	0.0	7.826	0.0	129.9	2.5	2.5	3618

Zetasizer Ver. 7.01

Serial Number : MAL1063070

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well G3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:23:01

Z-Average (nm): 149.4957

Derived Count Rate (kcps): 59.9705467224...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.3	0.4849	0.8	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	1.4	0.5318	2.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	2.5	0.5833	3.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	3.3	0.6398	3.4	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	3.4	0.7017	3.2	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	2.8	0.7696	2.3	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	1.7	0.8442	1.2	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.6	0.9259	0.2	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.470	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.539	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	1.939	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	2.031	0.0	2.127	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.127	0.0	2.228	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.228	0.0	2.333	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.333	0.0	2.443	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.443	0.0	2.559	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.559	0.0	2.680	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.680	0.0	2.806	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.806	0.0	2.939	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.939	0.0	3.078	0.0	40.93	0.0	0.0	1309
0.04189	0.0	3.078	0.0	3.224	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.224	0.0	3.376	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.376	0.0	3.536	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	49.24	0.0	0.0	1575
0.05039	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	51.57	0.0	0.0	1650
0.05277	0.0	3.878	Serial Number : MAL1063070	4.062		54.01	0.0	0.0	1728
0.05527	0.0	4.062		4.224		56.56	0.1	0.1	1809
0.05788	0.0	4.224		4.403		59.23	0.2	0.2	1895
0.06062	0.0	4.403		4.580		62.04	0.4	0.4	1985
0.06349	0.0	4.580		4.757		64.97	0.7	0.7	2078
0.06649	0.0	4.757		4.934		68.04	0.9	0.9	2177
0.06963	0.0	4.934		5.111		71.26	1.2	1.2	2280
0.07292	0.0	5.111		5.288		74.63	1.4	1.4	2387
0.07637	0.0	5.288		5.463		78.16	1.7	1.7	2500
0.07999	0.0	5.463		5.639		81.85	1.9	1.9	2619
0.08377	0.0	5.639		5.816		85.73	2.1	2.1	2742
0.08773	0.0	5.816		6.000		89.78	2.3	2.3	2872
0.09188	0.0	6.000		6.187		94.03	2.4	2.4	3008
0.09622	0.0	6.187		6.374		98.47	2.5	2.5	3150
0.1008	0.0	6.374		6.561		103.1	2.6	2.6	3299
0.1055	0.0	6.561		6.758		108.0	2.6	2.6	3455
0.1105	0.0	6.758		6.955		113.1	2.6	2.6	3618
0.1158	0.0	6.955		7.152		118.5	2.6	2.6	File name: Malaria
0.1212	0.0	7.152		7.350		124.1	2.6	2.6	Record Number: 79
0.1270	0.0	7.350		7.547		129.9	2.5	2.5	30 Sep 2016 10:58:03

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well G3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:27:24

Z-Average (nm): 38.24768

Derived Count Rate (kcps): 59.4480781555...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.2	0.3675	0.9	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	1.7	0.4030	2.5	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	3.1	0.4421	3.5	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	3.5	0.4849	3.3	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	2.8	0.5318	2.2	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.4	0.5734	0.0	13.50	0.0	0.0	432.0
0.01382	0.0	0.5833	0.7	0.6109	0.2	14.14	0.0	0.0	452.4
0.01447	0.0	0.6398	0.0	0.6700	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.6700	0.0	0.7017	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.7349	0.0	0.7696	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8442	0.0	0.8060	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.8841	0.0	0.9259	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.9697	0.0	1.016	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.114	0.0	1.167	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.222	0.0	1.279	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.279	0.0	1.340	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.340	0.0	1.403	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.403	0.0	1.470	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.470	0.0	1.539	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.539	0.0	1.612	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.612	0.0	1.688	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.688	0.0	1.768	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	1.768	0.0	1.852	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	1.852	0.0	1.939	0.0	32.49	0.0	0.0	1039
0.03325	0.0	1.939	0.0	2.031	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.031	0.0	2.127	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.127	0.0	2.228	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.228	0.0	2.333	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.333	0.0	2.443	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.443	0.0	2.559	0.0	42.87	0.1	0.1	1371
0.04387	0.0	2.559	0.0	2.680	0.0	44.89	0.1	0.1	1436
0.04594	0.0	2.680	0.0	2.806	0.0	47.02	0.2	0.2	1504
0.04811	0.0	2.806	0.0	2.939	0.0	49.24	0.2	0.2	1575
0.05039	0.0	2.939	0.0	3.078	0.0	51.57	0.3	0.3	1650
0.05277	0.0	3.078	0.0	3.224	0.0	54.01	0.4	0.4	1728
0.05527	0.0	3.224	0.0	3.376	0.0	56.56	0.5	0.5	1809
0.05788	0.0	3.376	0.0	3.536	0.0	59.23	0.6	0.6	1895
0.06062	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	62.04	0.6	0.6	1985
0.06349	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	64.97	0.7	0.7	2078
0.06649	0.0	3.878	Serial Number : MAL1063070	4.062		68.04	0.8	0.8	2177
0.06963	0.0	4.062				71.26	0.9	0.9	2280
0.07292	0.0					74.63	1.0	1.0	2387
0.07637	0.0					78.16	1.0	1.0	2500
0.07999	0.0					81.85	1.1	1.1	2619
0.08377	0.0					85.73	1.2	1.2	2742
0.08773	0.0					89.78	1.2	1.2	2872
0.09188	0.0					94.03	1.3	1.3	3008
0.09622	0.0					98.47	1.3	1.3	3150
0.1008	0.0					103.1	1.4	1.4	3299
0.1055	0.0					108.0	1.4	1.4	3455
0.1105	0.0					113.1	1.5	1.5	3618
0.1158	0.0					118.5	1.5	1.5	File name: Malaria
0.1212	0.0					124.1	1.5	1.5	Record Number: 80
0.1270	0.0					129.9	1.5	1.5	30 Sep 2016 10:58:05

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well G3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:31:47

Z-Average (nm): 129.1073

Derived Count Rate (kcps): 61.8443756103...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.1		11.22	0.0		359.1
0.01149	0.0		0.3675	0.4		11.76	0.0		376.1
0.01203	0.0		0.3848	0.7		12.31	0.0		393.8
0.01260	0.0		0.4030	1.1		12.89	0.0		412.5
0.01319	0.0		0.4221	1.5		13.50	0.0		432.0
0.01382	0.0		0.4421	1.8		14.14	0.0		452.4
0.01447	0.0		0.4630	2.0		14.81	0.0		473.8
0.01516	0.0		0.4849	2.1		15.51	0.0		496.2
0.01587	0.0		0.5078	2.2		16.24	0.0		519.7
0.01662	0.0		0.5318	2.1		17.01	0.0		544.2
0.01741	0.0		0.5570	1.8		17.82	0.0		570.0
0.01823	0.0		0.5833	1.5		18.66	0.0		596.9
0.01910	0.0		0.6109	1.2		19.54	0.0		625.2
0.02000	0.0		0.6398	0.8		20.47	0.0		654.7
0.02094	0.0		0.6700	0.5		21.43	0.0		685.7
0.02193	0.0		0.7017	0.2		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.1		1575
0.05039	0.0		1.612	0.0		51.57	0.1		1650
0.05277	0.0		1.688	0.0		54.01	0.2		1728
0.05527	0.0		1.768	0.0		56.56	0.3		1809
0.05788	0.0		1.852	0.0		59.23	0.4		1895
0.06062	0.0		1.939	0.0		62.04	0.5		1985
0.06349	0.0		2.031	0.0		64.97	0.6		2078
0.06649	0.0		2.127	0.0		68.04	0.7		2177
0.06963	0.0		2.228	0.0		71.26	0.8		2280
0.07292	0.0		2.333	0.0		74.63	0.9		2387
0.07637	0.0		2.443	0.0		78.16	1.0		2500
0.07999	0.0		2.559	0.0		81.85	1.1		2619
0.08377	0.0		2.680	0.0		85.73	1.2		2742
0.08773	0.0		2.806	0.0		89.78	1.3		2872
0.09188	0.0		2.939	0.0		94.03	1.4		3008
0.09622	0.0		3.078	0.0		98.47	1.4		3150
0.1008	0.0		3.224	0.0		103.1	1.5		3299
0.1055	0.0		3.376	0.0		108.0	1.6		3455
0.1105	0.0		3.536	0.0		113.1	1.6		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.7		File name: Malaria
0.1212	0.0		3.878			124.1	1.7		Record Number: 81
0.1270	0.0		4.062			129.9	1.8		30 Sep 2016 10:58:08

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well G4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:39:22

Z-Average (nm): 25.04297

Derived Count Rate (kcps): 51.2055015563...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.5		10.23	0.0		327.4
0.01047	0.0		0.3350	0.6		10.72	0.0		342.9
0.01097	0.0		0.3509	0.7		11.22	0.0		359.1
0.01149	0.0		0.3675	0.7		11.76	0.0		376.1
0.01203	0.0		0.3848	0.8		12.31	0.0		393.8
0.01260	0.0		0.4030	0.8		12.89	0.0		412.5
0.01319	0.0		0.4221	0.8		13.50	0.0		432.0
0.01382	0.0		0.4421	0.8		14.14	0.0		452.4
0.01447	0.0		0.4630	0.9		14.81	0.0		473.8
0.01516	0.0		0.4849	0.9		15.51	0.0		496.2
0.01587	0.0		0.5078	0.9		16.24	0.0		519.7
0.01662	0.0		0.5318	0.9		17.01	0.0		544.2
0.01741	0.0		0.5570	0.9		17.82	0.0		570.0
0.01823	0.0		0.5833	0.9		18.66	0.0		596.9
0.01910	0.0		0.6109	0.9		19.54	0.0		625.2
0.02000	0.0		0.6398	0.9		20.47	0.0		654.7
0.02094	0.0		0.6700	0.9		21.43	0.0		685.7
0.02193	0.0		0.7017	0.9		22.45	0.0		718.1
0.02297	0.0		0.7349	0.9		23.51	0.0		752.1
0.02406	0.0		0.7696	0.9		24.62	0.0		787.6
0.02520	0.0		0.8060	0.9		25.79	0.0		824.9
0.02639	0.0		0.8442	0.9		27.00	0.0		863.9
0.02764	0.0		0.8841	0.9		28.28	0.0		904.7
0.02894	0.0		0.9259	0.9		29.62	0.0		947.5
0.03031	0.0		0.9697	0.9		31.02	0.0		992.3
0.03174	0.0		1.016	0.9		32.49	0.0		1039
0.03325	0.0		1.064	0.8		34.02	0.0		1088
0.03482	0.0		1.114	0.8		35.63	0.0		1140
0.03646	0.0		1.167	0.7		37.32	0.0		1194
0.03819	0.0		1.222	0.7		39.08	0.0		1250
0.04000	0.0		1.279	0.6		40.93	0.0		1309
0.04189	0.0		1.340	0.5		42.87	0.0		1371
0.04387	0.0		1.403	0.4		44.89	0.0		1436
0.04594	0.0		1.470	0.3		47.02	0.0		1504
0.04811	0.0		1.539	0.3		49.24	0.1		1575
0.05039	0.0		1.612	0.2		51.57	0.1		1650
0.05277	0.0		1.688	0.1		54.01	0.2		1728
0.05527	0.0		1.768	0.0		56.56	0.4		1809
0.05788	0.0		1.852	0.0		59.23	0.5		1895
0.06062	0.0		1.939	0.0		62.04	0.6		1985
0.06349	0.0		2.031	0.0		64.97	0.8		2078
0.06649	0.0		2.127	0.0		68.04	0.9		2177
0.06963	0.0		2.228	0.0		71.26	1.0		2280
0.07292	0.0		2.333	0.0		74.63	1.2		2387
0.07637	0.0		2.443	0.0		78.16	1.3		2500
0.07999	0.0		2.559	0.0		81.85	1.4		2619
0.08377	0.0		2.680	0.0		85.73	1.5		2742
0.08773	0.0		2.806	0.0		89.78	1.6		2872
0.09188	0.0		2.939	0.0		94.03	1.7		3008
0.09622	0.0		3.078	0.0		98.47	1.8		3150
0.1008	0.3		3.224	0.0		103.1	1.8		3299
0.1055	0.4		3.376	0.0		108.0	1.9		3455
0.1105	0.4		3.536	0.0		113.1	1.9		3618
0.1158	0.4		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.9		File name: Malaria.dts Record Number: 82 30 Sep 2016 10:58:10
0.1212	0.4		3.878			124.1	2.0		
0.1270	0.4		4.062			129.9	2.0		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well G4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:44:26

Z-Average (nm): 81.9184

Derived Count Rate (kcps): 54.9644584655...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	2.0		10.23	0.0		327.4
0.01047	0.0		0.3350	2.5		10.72	0.0		342.9
0.01097	0.0		0.3509	2.9		11.22	0.0		359.1
0.01149	0.0		0.3675	3.1		11.76	0.0		376.1
0.01203	0.0		0.3848	3.2		12.31	0.0		393.8
0.01260	0.0		0.4030	3.1		12.89	0.0		412.5
0.01319	0.0		0.4221	2.9		13.50	0.0		432.0
0.01382	0.0		0.4421	2.6		14.14	0.0		452.4
0.01447	0.0		0.4630	2.2		14.81	0.0		473.8
0.01516	0.0		0.4849	1.7		15.51	0.0		496.2
0.01587	0.0		0.5078	1.3		16.24	0.0		519.7
0.01662	0.0		0.5318	0.8		17.01	0.0		544.2
0.01741	0.0		0.5570	0.5		17.82	0.0		570.0
0.01823	0.0		0.5833	0.2		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.1		1985
0.06349	0.0		2.031	0.0		64.97	0.3		2078
0.06649	0.0		2.127	0.0		68.04	0.4		2177
0.06963	0.0		2.228	0.0		71.26	0.6		2280
0.07292	0.0		2.333	0.0		74.63	0.8		2387
0.07637	0.0		2.443	0.0		78.16	1.0		2500
0.07999	0.0		2.559	0.0		81.85	1.2		2619
0.08377	0.0		2.680	0.0		85.73	1.4		2742
0.08773	0.0		2.806	0.0		89.78	1.5		2872
0.09188	0.0		2.939	0.0		94.03	1.7		3008
0.09622	0.0		3.078	0.0		98.47	1.9		3150
0.1008	0.0		3.224	0.0		103.1	2.0		3299
0.1055	0.0		3.376	0.0		108.0	2.1		3455
0.1105	0.0		3.536	0.0		113.1	2.2		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.3		File name: Malaria
0.1212	0.0		3.878			124.1	2.3		Record Number: 83
0.1270	0.0		4.062			129.9	2.4		30 Sep 2016 10:58:12

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well G4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:49:31

Z-Average (nm): 111.0608

Derived Count Rate (kcps): 62.8387680053...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.2		13.50	0.0		432.0
0.01382	0.0		0.4421	0.5		14.14	0.0		452.4
0.01447	0.0		0.4630	0.9		14.81	0.0		473.8
0.01516	0.0		0.4849	1.3		15.51	0.0		496.2
0.01587	0.0		0.5078	1.7		16.24	0.0		519.7
0.01662	0.0		0.5318	2.1		17.01	0.0		544.2
0.01741	0.0		0.5570	2.3		17.82	0.0		570.0
0.01823	0.0		0.5833	2.3		18.66	0.0		596.9
0.01910	0.0		0.6109	2.2		19.54	0.0		625.2
0.02000	0.0		0.6398	1.9		20.47	0.0		654.7
0.02094	0.0		0.6700	1.5		21.43	0.0		685.7
0.02193	0.0		0.7017	1.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.5		23.51	0.0		752.1
0.02406	0.0		0.7696	0.1		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.1		1371
0.04387	0.0		1.403	0.0		44.89	0.3		1436
0.04594	0.0		1.470	0.0		47.02	0.4		1504
0.04811	0.0		1.539	0.0		49.24	0.6		1575
0.05039	0.0		1.612	0.0		51.57	0.7		1650
0.05277	0.0		1.688	0.0		54.01	0.9		1728
0.05527	0.0		1.768	0.0		56.56	1.1		1809
0.05788	0.0		1.852	0.0		59.23	1.2		1895
0.06062	0.0		1.939	0.0		62.04	1.3		1985
0.06349	0.0		2.031	0.0		64.97	1.4		2078
0.06649	0.0		2.127	0.0		68.04	1.5		2177
0.06963	0.0		2.228	0.0		71.26	1.6		2280
0.07292	0.0		2.333	0.0		74.63	1.6		2387
0.07637	0.0		2.443	0.0		78.16	1.7		2500
0.07999	0.0		2.559	0.0		81.85	1.7		2619
0.08377	0.0		2.680	0.0		85.73	1.7		2742
0.08773	0.0		2.806	0.0		89.78	1.7		2872
0.09188	0.0		2.939	0.0		94.03	1.8		3008
0.09622	0.0		3.078	0.0		98.47	1.8		3150
0.1008	0.0		3.224	0.0		103.1	1.8		3299
0.1055	0.0		3.376	0.0		108.0	1.8		3455
0.1105	0.0		3.536	0.0		113.1	1.8		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.8		File name: Malaria.dts Record Number: 84 30 Sep 2016 10:58:14
0.1212	0.0		3.878			124.1	1.9		
0.1270	0.0		4.062			129.9	1.9		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well H1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:55:54

Z-Average (nm): 224.2106

Derived Count Rate (kcps): 79.1028289794...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	2.1		10.23	0.0		327.4
0.01047	0.0		0.3350	2.2		10.72	0.0		342.9
0.01097	0.0		0.3509	2.0		11.22	0.0		359.1
0.01149	0.0		0.3675	1.5		11.76	0.0		376.1
0.01203	0.0		0.3848	0.9		12.31	0.0		393.8
0.01260	0.0		0.4030	0.3		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2
0.01741	0.0		0.5570	0.0		17.82	0.0		570.0
0.01823	0.0		0.5833	0.0		18.66	0.0		596.9
0.01910	0.0		0.6109	0.0		19.54	0.0		625.2
0.02000	0.0		0.6398	0.0		20.47	0.0		654.7
0.02094	0.0		0.6700	0.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.0		2387
0.07637	0.0		2.443	0.0		78.16	0.0		2500
0.07999	0.0		2.559	0.0		81.85	0.0		2619
0.08377	0.0		2.680	0.0		85.73	0.2		2742
0.08773	0.0		2.806	0.0		89.78	0.7		2872
0.09188	0.0		2.939	0.0		94.03	1.3		3008
0.09622	0.0		3.078	0.0		98.47	2.0		3150
0.1008	0.0		3.224	0.0		103.1	2.7		3299
0.1055	0.0		3.376	0.0		108.0	3.3		3455
0.1105	0.0		3.536	0.0		113.1	3.9		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	4.3		File name: Malaria
0.1212	0.0		3.878			124.1	4.6		Record Number: 85
0.1270	0.0		4.062			129.9	4.7		30 Sep 2016 10:58:16

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well H1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 19:59:44

Z-Average (nm): 330.1046

Derived Count Rate (kcps): 84.2752838134...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7
0.01662	0.0		0.5318	0.3		17.01	0.0		544.2
0.01741	0.0		0.5570	1.4		17.82	0.0		570.0
0.01823	0.0		0.5833	2.7		18.66	0.0		596.9
0.01910	0.0		0.6109	3.4		19.54	0.0		625.2
0.02000	0.0		0.6398	3.4		20.47	0.0		654.7
0.02094	0.0		0.6700	2.6		21.43	0.0		685.7
0.02193	0.0		0.7017	1.3		22.45	0.0		718.1
0.02297	0.0		0.7349	0.1		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.1		1985
0.06349	0.0		2.031	0.0		64.97	0.5		2078
0.06649	0.0		2.127	0.0		68.04	0.9		2177
0.06963	0.0		2.228	0.0		71.26	1.3		2280
0.07292	0.0		2.333	0.0		74.63	1.6		2387
0.07637	0.0		2.443	0.0		78.16	1.8		2500
0.07999	0.0		2.559	0.0		81.85	1.9		2619
0.08377	0.0		2.680	0.0		85.73	1.8		2742
0.08773	0.0		2.806	0.0		89.78	1.7		2872
0.09188	0.0		2.939	0.0		94.03	1.5		3008
0.09622	0.0		3.078	0.0		98.47	1.2		3150
0.1008	0.0		3.224	0.0		103.1	0.9		3299
0.1055	0.0		3.376	0.0		108.0	0.6		3455
0.1105	0.0		3.536	0.0		113.1	0.4		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.2		File name: Malaria
0.1212	0.0		3.878			124.1	0.1		Record Number: 86
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:58:18

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well H1)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:03:35

Z-Average (nm): 595.8545

Derived Count Rate (kcps): 107.627845764...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.0	0.4421	0.0	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	0.6	0.4849	2.0	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	3.0	0.5318	3.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.9	0.5833	0.6	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.0	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8442	0.0	0.8841	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.9259	0.0	0.9697	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	1.016	0.0	1.064	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.114	0.0	1.167	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.222	0.0	1.279	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.340	0.0	1.340	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.403	0.0	1.403	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.470	0.0	1.470	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.539	0.0	1.539	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.688	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.768	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.852	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	1.939	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.031	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.127	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.127	0.0	2.127	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.127	0.0	2.127	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.127	0.0	2.127	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.127	0.0	2.127	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.127	0.0	2.127	0.0	40.93	0.0	0.0	1309
0.04189	0.0	2.127	0.0	2.127	0.0	42.87	0.0	0.0	1371
0.04387	0.0	2.127	0.0	2.127	0.0	44.89	0.0	0.0	1436
0.04594	0.0	2.127	0.0	2.127	0.0	47.02	0.0	0.0	1504
0.04811	0.0	2.127	0.0	2.127	0.0	49.24	0.0	0.0	1575
0.05039	0.0	2.127	0.0	2.127	0.0	51.57	0.0	0.0	1650
0.05277	0.0	2.127	0.0	2.127	0.0	54.01	0.0	0.0	1728
0.05527	0.0	2.127	0.0	2.127	0.0	56.56	0.0	0.0	1809
0.05788	0.0	2.127	0.0	2.127	0.0	59.23	0.0	0.0	1895
0.06062	0.0	2.127	0.0	2.127	0.0	62.04	0.0	0.0	1985
0.06349	0.0	2.127	0.0	2.127	0.0	64.97	0.0	0.0	2078
0.06649	0.0	2.127	0.0	2.127	0.0	68.04	0.0	0.0	2177
0.06963	0.0	2.127	0.0	2.127	0.0	71.26	0.2	0.0	2280
0.07292	0.0	2.127	0.0	2.127	0.0	74.63	0.6	0.0	2387
0.07637	0.0	2.127	0.0	2.127	0.0	78.16	1.0	0.0	2500
0.07999	0.0	2.127	0.0	2.127	0.0	81.85	1.3	0.0	2619
0.08377	0.0	2.127	0.0	2.127	0.0	85.73	1.6	0.0	2742
0.08773	0.0	2.127	0.0	2.127	0.0	89.78	1.8	0.0	2872
0.09188	0.0	2.127	0.0	2.127	0.0	94.03	1.8	0.0	3008
0.09622	0.0	2.127	0.0	2.127	0.0	98.47	1.7	0.0	3150
0.1008	0.0	2.127	0.0	2.127	0.0	103.1	1.5	0.0	3299
0.1055	0.0	2.127	0.0	2.127	0.0	108.0	1.1	0.0	3455
0.1105	0.0	2.127	0.0	2.127	0.0	113.1	0.7	0.0	3618
0.1158	0.0	2.127	0.0	2.127	0.0	118.5	0.4	0.0	File name: Malaria
0.1212	0.0	2.127	0.0	2.127	0.0	124.1	0.1	0.0	Record Number: 87
0.1270	0.0	2.127	0.0	2.127	0.0	129.9	0.0	0.0	30 Sep 2016 10:58:22

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well H2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:10:40

Z-Average (nm): 764.9956

Derived Count Rate (kcps): 119.896697998...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.5		17.82	0.0		570.0	
0.01823	0.0		0.5833	1.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	1.9		19.54	0.0		625.2	
0.02000	0.0		0.6398	1.3		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.2		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.0		1985	
0.06349	0.0		2.031	0.0		64.97	0.0		2078	
0.06649	0.0		2.127	0.0		68.04	0.0		2177	
0.06963	0.0		2.228	0.0		71.26	0.0		2280	
0.07292	0.0		2.333	0.0		74.63	0.0		2387	
0.07637	0.0		2.443	0.0		78.16	0.0		2500	
0.07999	0.0		2.559	0.0		81.85	0.0		2619	
0.08377	0.0		2.680	0.0		85.73	0.0		2742	
0.08773	0.0		2.806	0.0		89.78	0.0		2872	
0.09188	0.0		2.939	0.0		94.03	0.0		3008	
0.09622	0.0		3.078	0.0		98.47	0.0		3150	
0.1008	0.0		3.224	0.0		103.1	0.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.0		3455	
0.1105	0.0		3.536	0.0		113.1	0.0		3618	
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	0.0		File name: Malaria	
0.1212	0.0		3.878			124.1	0.0		Record Number: 88	
0.1270	0.0		4.062			129.9	0.0		30 Sep 2016 10:58:24	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well H2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:15:12

Z-Average (nm): 177.0624

Derived Count Rate (kcps): 62.8552970886...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8
0.01516	0.0		0.4849	0.4		15.51	0.0		496.2
0.01587	0.0		0.5078	1.4		16.24	0.0		519.7
0.01662	0.0		0.5318	2.5		17.01	0.0		544.2
0.01741	0.0		0.5570	3.3		17.82	0.0		570.0
0.01823	0.0		0.5833	3.7		18.66	0.0		596.9
0.01910	0.0		0.6109	3.6		19.54	0.0		625.2
0.02000	0.0		0.6398	2.9		20.47	0.0		654.7
0.02094	0.0		0.6700	1.9		21.43	0.0		685.7
0.02193	0.0		0.7017	0.8		22.45	0.0		718.1
0.02297	0.0		0.7349	0.0		23.51	0.0		752.1
0.02406	0.0		0.7696	0.0		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.0		1809
0.05788	0.0		1.852	0.0		59.23	0.0		1895
0.06062	0.0		1.939	0.0		62.04	0.0		1985
0.06349	0.0		2.031	0.0		64.97	0.0		2078
0.06649	0.0		2.127	0.0		68.04	0.0		2177
0.06963	0.0		2.228	0.0		71.26	0.0		2280
0.07292	0.0		2.333	0.0		74.63	0.1		2387
0.07637	0.0		2.443	0.0		78.16	0.4		2500
0.07999	0.0		2.559	0.0		81.85	0.8		2619
0.08377	0.0		2.680	0.0		85.73	1.3		2742
0.08773	0.0		2.806	0.0		89.78	1.8		2872
0.09188	0.0		2.939	0.0		94.03	2.3		3008
0.09622	0.0		3.078	0.0		98.47	2.7		3150
0.1008	0.0		3.224	0.0		103.1	3.1		3299
0.1055	0.0		3.376	0.0		108.0	3.4		3455
0.1105	0.0		3.536	0.0		113.1	3.6		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	3.6		File name: Malaria
0.1212	0.0		3.878			124.1	3.6		Record Number: 89
0.1270	0.0		4.062			129.9	3.4		30 Sep 2016 10:58:26

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well H2)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:19:45

Z-Average (nm): 145.6232

Derived Count Rate (kcps): 58.9167098999...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8
0.01260	0.0		0.4030	0.2		12.89	0.0		412.5
0.01319	0.0		0.4221	0.7		13.50	0.0		432.0
0.01382	0.0		0.4421	1.2		14.14	0.0		452.4
0.01447	0.0		0.4630	1.7		14.81	0.0		473.8
0.01516	0.0		0.4849	2.1		15.51	0.0		496.2
0.01587	0.0		0.5078	2.4		16.24	0.0		519.7
0.01662	0.0		0.5318	2.6		17.01	0.0		544.2
0.01741	0.0		0.5570	2.6		17.82	0.0		570.0
0.01823	0.0		0.5833	2.4		18.66	0.0		596.9
0.01910	0.0		0.6109	2.2		19.54	0.0		625.2
0.02000	0.0		0.6398	1.8		20.47	0.0		654.7
0.02094	0.0		0.6700	1.4		21.43	0.0		685.7
0.02193	0.0		0.7017	0.9		22.45	0.0		718.1
0.02297	0.0		0.7349	0.5		23.51	0.0		752.1
0.02406	0.0		0.7696	0.2		24.62	0.0		787.6
0.02520	0.0		0.8060	0.0		25.79	0.0		824.9
0.02639	0.0		0.8442	0.0		27.00	0.0		863.9
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.1		1309
0.04189	0.0		1.340	0.0		42.87	0.1		1371
0.04387	0.0		1.403	0.0		44.89	0.2		1436
0.04594	0.0		1.470	0.0		47.02	0.2		1504
0.04811	0.0		1.539	0.0		49.24	0.3		1575
0.05039	0.0		1.612	0.0		51.57	0.3		1650
0.05277	0.0		1.688	0.0		54.01	0.3		1728
0.05527	0.0		1.768	0.0		56.56	0.4		1809
0.05788	0.0		1.852	0.0		59.23	0.4		1895
0.06062	0.0		1.939	0.0		62.04	0.5		1985
0.06349	0.0		2.031	0.0		64.97	0.5		2078
0.06649	0.0		2.127	0.0		68.04	0.6		2177
0.06963	0.0		2.228	0.0		71.26	0.6		2280
0.07292	0.0		2.333	0.0		74.63	0.7		2387
0.07637	0.0		2.443	0.0		78.16	0.8		2500
0.07999	0.0		2.559	0.0		81.85	0.8		2619
0.08377	0.0		2.680	0.0		85.73	0.9		2742
0.08773	0.0		2.806	0.0		89.78	1.0		2872
0.09188	0.0		2.939	0.0		94.03	1.1		3008
0.09622	0.0		3.078	0.0		98.47	1.2		3150
0.1008	0.0		3.224	0.0		103.1	1.4		3299
0.1055	0.0		3.376	0.0		108.0	1.5		3455
0.1105	0.0		3.536	0.0		113.1	1.6		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.6		File name: Malaria
0.1212	0.0		3.878			124.1	1.7		Record Number: 90
0.1270	0.0		4.062			129.9	1.8		30 Sep 2016 10:58:28

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well H3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:27:51

Z-Average (nm): 75.6841

Derived Count Rate (kcps): 47.0046615600...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	0.3		10.23	0.0		327.4
0.01047	0.0		0.3350	0.6		10.72	0.0		342.9
0.01097	0.0		0.3509	0.9		11.22	0.0		359.1
0.01149	0.0		0.3675	1.2		11.76	0.0		376.1
0.01203	0.0		0.3848	1.5		12.31	0.0		393.8
0.01260	0.0		0.4030	1.8		12.89	0.0		412.5
0.01319	0.0		0.4221	2.0		13.50	0.0		432.0
0.01382	0.0		0.4421	2.2		14.14	0.0		452.4
0.01447	0.0		0.4630	2.3		14.81	0.0		473.8
0.01516	0.0		0.4849	2.3		15.51	0.0		496.2
0.01587	0.0		0.5078	2.3		16.24	0.0		519.7
0.01662	0.0		0.5318	2.2		17.01	0.0		544.2
0.01741	0.0		0.5570	2.1		17.82	0.0		570.0
0.01823	0.0		0.5833	1.9		18.66	0.0		596.9
0.01910	0.0		0.6109	1.7		19.54	0.0		625.2
0.02000	0.0		0.6398	1.5		20.47	0.0		654.7
0.02094	0.0		0.6700	1.3		21.43	0.0		685.7
0.02193	0.0		0.7017	1.0		22.45	0.0		718.1
0.02297	0.0		0.7349	0.8		23.51	0.0		752.1
0.02406	0.0		0.7696	0.6		24.62	0.0		787.6
0.02520	0.0		0.8060	0.4		25.79	0.0		824.9
0.02639	0.0		0.8442	0.2		27.00	0.0		863.9
0.02764	0.0		0.8841	0.1		28.28	0.0		904.7
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3
0.03174	0.0		1.016	0.0		32.49	0.0		1039
0.03325	0.0		1.064	0.0		34.02	0.0		1088
0.03482	0.0		1.114	0.0		35.63	0.0		1140
0.03646	0.0		1.167	0.0		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.1		1809
0.05788	0.0		1.852	0.0		59.23	0.2		1895
0.06062	0.0		1.939	0.0		62.04	0.4		1985
0.06349	0.0		2.031	0.0		64.97	0.5		2078
0.06649	0.0		2.127	0.0		68.04	0.7		2177
0.06963	0.0		2.228	0.0		71.26	0.9		2280
0.07292	0.0		2.333	0.0		74.63	1.0		2387
0.07637	0.0		2.443	0.0		78.16	1.2		2500
0.07999	0.0		2.559	0.0		81.85	1.4		2619
0.08377	0.0		2.680	0.0		85.73	1.5		2742
0.08773	0.0		2.806	0.0		89.78	1.6		2872
0.09188	0.0		2.939	0.0		94.03	1.7		3008
0.09622	0.0		3.078	0.0		98.47	1.8		3150
0.1008	0.0		3.224	0.0		103.1	1.9		3299
0.1055	0.0		3.376	0.0		108.0	1.9		3455
0.1105	0.0		3.536	0.0		113.1	2.0		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.0		File name: Malaria.dts Record Number: 91 30 Sep 2016 10:58:30
0.1212	0.0		3.878			124.1	2.0		
0.1270	0.0		4.062			129.9	2.0		

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well H3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:33:27

Z-Average (nm): 74.36281

Derived Count Rate (kcps): 47.1982192993...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.3		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	1.6		17.82	0.0		570.0	
0.01823	0.0		0.5833	2.3		18.66	0.0		596.9	
0.01910	0.0		0.6109	2.8		19.54	0.0		625.2	
0.02000	0.0		0.6398	3.1		20.47	0.0		654.7	
0.02094	0.0		0.6700	3.2		21.43	0.0		685.7	
0.02193	0.0		0.7017	3.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	2.6		23.51	0.0		752.1	
0.02406	0.0		0.7696	1.9		24.62	0.0		787.6	
0.02520	0.0		0.8060	1.2		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.5		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.0		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.0		31.02	0.0		992.3	
0.03174	0.0		1.016	0.0		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.0		1650	
0.05277	0.0		1.688	0.0		54.01	0.0		1728	
0.05527	0.0		1.768	0.0		56.56	0.0		1809	
0.05788	0.0		1.852	0.0		59.23	0.0		1895	
0.06062	0.0		1.939	0.0		62.04	0.1		1985	
0.06349	0.0		2.031	0.0		64.97	0.3		2078	
0.06649	0.0		2.127	0.0		68.04	0.5		2177	
0.06963	0.0		2.228	0.0		71.26	0.8		2280	
0.07292	0.0		2.333	0.0		74.63	1.0		2387	
0.07637	0.0		2.443	0.0		78.16	1.3		2500	
0.07999	0.0		2.559	0.0		81.85	1.5		2619	
0.08377	0.0		2.680	0.0		85.73	1.7		2742	
0.08773	0.0		2.806	0.0		89.78	1.9		2872	
0.09188	0.0		2.939	0.0		94.03	2.0		3008	
0.09622	0.0		3.078	0.0		98.47	2.1		3150	
0.1008	0.0		3.224	0.0		103.1	2.1		3299	
0.1055	0.0		3.376	0.0		108.0	2.1		3455	
0.1105	0.1		3.536	0.0		113.1	2.1		3618	
0.1158	0.5		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	2.0		File name: Malaria.dts	
0.1212	1.1		3.878			124.1	1.9		Record Number: 92	
0.1270	1.6		4.062			129.9	1.8		30 Sep 2016 10:58:32	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well H3)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:39:03

Z-Average (nm): 246.6234

Derived Count Rate (kcps): 60.5159568786...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.5	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	1.3	0.4421	2.2	11.76	0.0	0.0	376.1
0.01203	0.0	0.4630	2.9	0.4849	3.2	12.31	0.0	0.0	393.8
0.01260	0.0	0.5078	3.0	0.5318	2.4	12.89	0.0	0.0	412.5
0.01319	0.0	0.5570	1.6	0.5833	0.7	13.50	0.0	0.0	432.0
0.01382	0.0	0.6109	0.1	0.6398	0.0	14.14	0.0	0.0	452.4
0.01447	0.0	0.6700	0.0	0.7017	0.0	14.81	0.0	0.0	473.8
0.01516	0.0	0.7349	0.0	0.7696	0.0	15.51	0.0	0.0	496.2
0.01587	0.0	0.8060	0.0	0.8442	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8841	0.0	0.9259	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.9697	0.0	1.016	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	596.9
0.01910	0.0	1.167	0.0	1.222	0.0	20.47	0.0	0.0	625.2
0.02000	0.0	1.279	0.0	1.340	0.0	21.43	0.0	0.0	654.7
0.02094	0.0	1.340	0.0	1.403	0.0	22.45	0.0	0.0	685.7
0.02193	0.0	1.403	0.0	1.470	0.0	23.51	0.0	0.0	718.1
0.02297	0.0	1.470	0.0	1.539	0.0	24.62	0.0	0.0	752.1
0.02406	0.0	1.612	0.0	1.688	0.0	25.79	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	27.00	0.0	0.0	824.9
0.02639	0.0	1.768	0.0	1.852	0.0	28.28	0.0	0.0	863.9
0.02764	0.0	1.852	0.0	1.939	0.0	29.62	0.0	0.0	904.7
0.02894	0.0	1.939	0.0	2.031	0.0	31.02	0.0	0.0	947.5
0.03031	0.0	2.031	0.0	2.127	0.0	32.49	0.0	0.0	992.3
0.03174	0.0	2.127	0.0	2.228	0.0	34.02	0.0	0.0	1039
0.03325	0.0	2.228	0.0	2.333	0.0	35.63	0.0	0.0	1088
0.03482	0.0	2.333	0.0	2.443	0.0	37.32	0.1	0.0	1140
0.03646	0.0	2.443	0.0	2.559	0.0	39.08	0.1	0.0	1194
0.03819	0.0	2.559	0.0	2.680	0.0	40.93	0.2	0.0	1250
0.04000	0.0	2.680	0.0	2.806	0.0	42.87	0.3	0.0	1309
0.04189	0.0	2.806	0.0	2.939	0.0	44.89	0.4	0.0	1371
0.04387	0.0	2.939	0.0	3.078	0.0	47.02	0.4	0.0	1436
0.04594	0.0	3.078	0.0	3.224	0.0	49.24	0.5	0.0	1504
0.04811	0.0	3.224	0.0	3.376	0.0	51.57	0.5	0.0	1575
0.05039	0.0	3.376	0.0	3.536	0.0	54.01	0.5	0.0	1650
0.05277	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	56.56	0.4	0.0	1728
0.05527	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	59.23	0.4	0.0	1809
0.05788	0.0	3.878	Serial Number : MAL1063070	4.062	0.0	62.04	0.3	0.0	1895
0.06062	0.0	4.062	0.0	4.224	0.0	64.97	0.3	0.0	1985
0.06349	0.0	4.224	0.0	4.376	0.0	68.04	0.2	0.0	2078
0.06649	0.0	4.376	0.0	4.536	0.0	71.26	0.2	0.0	2177
0.06963	0.0	4.536	0.0	4.703	0.0	74.63	0.2	0.0	2280
0.07292	0.0	4.703	0.0	4.878	0.0	78.16	0.2	0.0	2387
0.07637	0.0	4.878	0.0	5.031	0.0	81.85	0.2	0.0	2500
0.07999	0.0	5.031	0.0	5.203	0.0	85.73	0.2	0.0	2619
0.08377	0.0	5.203	0.0	5.376	0.0	89.78	0.3	0.0	2742
0.08773	0.0	5.376	0.0	5.536	0.0	94.03	0.4	0.0	2872
0.09188	0.0	5.536	0.0	5.703	Zetasizer Ver. 7.01	98.47	0.5	0.0	3008
0.09622	0.0	5.703	Zetasizer Ver. 7.01	5.878	Serial Number : MAL1063070	103.1	0.6	0.0	3150
0.1008	0.0	5.878	Serial Number : MAL1063070	6.031	0.0	108.0	0.7	0.0	3299
0.1055	0.0	6.031	0.0	6.203	0.0	113.1	0.9	0.0	3455
0.1105	0.0	6.203	0.0	6.376	0.0	118.5	1.1	0.0	3618
0.1158	0.0	6.376	0.0	6.536	0.0	124.1	1.2	0.0	File name: Malaria
0.1212	0.0	6.536	0.0	6.703	0.0	129.9	1.4	0.0	Record Number: 93
0.1270	0.0	6.703	0.0	6.878	0.0	13618	0.0	0.0	30 Sep 2016 10:58:35

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 1 (well H4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:47:22

Z-Average (nm): 41.33319

Derived Count Rate (kcps): 46.8377037048...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Intensity
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	0.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.3		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.7		17.82	0.0		570.0	
0.01823	0.0		0.5833	1.1		18.66	0.0		596.9	
0.01910	0.0		0.6109	1.6		19.54	0.0		625.2	
0.02000	0.0		0.6398	2.1		20.47	0.0		654.7	
0.02094	0.0		0.6700	2.5		21.43	0.0		685.7	
0.02193	0.0		0.7017	2.7		22.45	0.0		718.1	
0.02297	0.0		0.7349	2.8		23.51	0.0		752.1	
0.02406	0.0		0.7696	2.7		24.62	0.0		787.6	
0.02520	0.0		0.8060	2.4		25.79	0.0		824.9	
0.02639	0.0		0.8442	2.1		27.00	0.0		863.9	
0.02764	0.0		0.8841	1.6		28.28	0.0		904.7	
0.02894	0.0		0.9259	1.0		29.62	0.0		947.5	
0.03031	0.0		0.9697	0.5		31.02	0.0		992.3	
0.03174	0.0		1.016	0.1		32.49	0.0		1039	
0.03325	0.0		1.064	0.0		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		35.63	0.0		1140	
0.03646	0.0		1.167	0.0		37.32	0.0		1194	
0.03819	0.0		1.222	0.0		39.08	0.0		1250	
0.04000	0.0		1.279	0.0		40.93	0.0		1309	
0.04189	0.0		1.340	0.0		42.87	0.0		1371	
0.04387	0.0		1.403	0.0		44.89	0.0		1436	
0.04594	0.0		1.470	0.0		47.02	0.0		1504	
0.04811	0.0		1.539	0.0		49.24	0.0		1575	
0.05039	0.0		1.612	0.0		51.57	0.1		1650	
0.05277	0.0		1.688	0.0		54.01	0.1		1728	
0.05527	0.0		1.768	0.0		56.56	0.2		1809	
0.05788	0.0		1.852	0.0		59.23	0.2		1895	
0.06062	0.0		1.939	0.0		62.04	0.3		1985	
0.06349	0.0		2.031	0.0		64.97	0.4		2078	
0.06649	0.0		2.127	0.0		68.04	0.5		2177	
0.06963	0.0		2.228	0.0		71.26	0.6		2280	
0.07292	0.0		2.333	0.0		74.63	0.6		2387	
0.07637	0.0		2.443	0.0		78.16	0.7		2500	
0.07999	0.0		2.559	0.0		81.85	0.8		2619	
0.08377	0.0		2.680	0.0		85.73	0.9		2742	
0.08773	0.0		2.806	0.0		89.78	1.0		2872	
0.09188	0.0		2.939	0.0		94.03	1.1		3008	
0.09622	0.0		3.078	0.0		98.47	1.2		3150	
0.1008	1.3		3.224	0.0		103.1	1.2		3299	
0.1055	1.4		3.376	0.0		108.0	1.3		3455	
0.1105	1.5		3.536	0.0		113.1	1.4		3618	
0.1158	1.4		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.4		File name: Malaria.dts	
0.1212	1.3		3.878			124.1	1.5		Record Number: 94	
0.1270	1.0		4.062			129.9	1.6		30 Sep 2016 10:58:37	

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 2 (well H4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:53:08

Z-Average (nm): 41.16357

Derived Count Rate (kcps): 46.1471481323...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0		0.3199	1.5		10.23	0.0		327.4
0.01047	0.0		0.3350	1.7		10.72	0.0		342.9
0.01097	0.0		0.3509	1.8		11.22	0.0		359.1
0.01149	0.0		0.3675	1.8		11.76	0.0		376.1
0.01203	0.0		0.3848	1.8		12.31	0.0		393.8
0.01260	0.0		0.4030	1.8		12.89	0.0		412.5
0.01319	0.0		0.4221	1.8		13.50	0.0		432.0
0.01382	0.0		0.4421	1.7		14.14	0.0		452.4
0.01447	0.0		0.4630	1.6		14.81	0.0		473.8
0.01516	0.0		0.4849	1.6		15.51	0.0		496.2
0.01587	0.0		0.5078	1.5		16.24	0.0		519.7
0.01662	0.0		0.5318	1.4		17.01	0.0		544.2
0.01741	0.0		0.5570	1.3		17.82	0.0		570.0
0.01823	0.0		0.5833	1.2		18.66	0.0		596.9
0.01910	0.0		0.6109	1.1		19.54	0.0		625.2
0.02000	0.0		0.6398	1.1		20.47	0.0		654.7
0.02094	0.0		0.6700	1.0		21.43	0.0		685.7
0.02193	0.0		0.7017	0.9		22.45	0.0		718.1
0.02297	0.0		0.7349	0.8		23.51	0.0		752.1
0.02406	0.0		0.7696	0.8		24.62	0.0		787.6
0.02520	0.0		0.8060	0.7		25.79	0.0		824.9
0.02639	0.0		0.8442	0.6		27.00	0.0		863.9
0.02764	0.0		0.8841	0.5		28.28	0.0		904.7
0.02894	0.0		0.9259	0.4		29.62	0.0		947.5
0.03031	0.0		0.9697	0.3		31.02	0.0		992.3
0.03174	0.0		1.016	0.3		32.49	0.0		1039
0.03325	0.0		1.064	0.2		34.02	0.0		1088
0.03482	0.0		1.114	0.1		35.63	0.0		1140
0.03646	0.0		1.167	0.1		37.32	0.0		1194
0.03819	0.0		1.222	0.0		39.08	0.0		1250
0.04000	0.0		1.279	0.0		40.93	0.0		1309
0.04189	0.0		1.340	0.0		42.87	0.0		1371
0.04387	0.0		1.403	0.0		44.89	0.0		1436
0.04594	0.0		1.470	0.0		47.02	0.0		1504
0.04811	0.0		1.539	0.0		49.24	0.0		1575
0.05039	0.0		1.612	0.0		51.57	0.0		1650
0.05277	0.0		1.688	0.0		54.01	0.0		1728
0.05527	0.0		1.768	0.0		56.56	0.1		1809
0.05788	0.0		1.852	0.0		59.23	0.1		1895
0.06062	0.0		1.939	0.0		62.04	0.2		1985
0.06349	0.0		2.031	0.0		64.97	0.3		2078
0.06649	0.0		2.127	0.0		68.04	0.4		2177
0.06963	0.0		2.228	0.0		71.26	0.5		2280
0.07292	0.0		2.333	0.0		74.63	0.6		2387
0.07637	0.0		2.443	0.0		78.16	0.7		2500
0.07999	0.0		2.559	0.0		81.85	0.8		2619
0.08377	0.0		2.680	0.0		85.73	0.9		2742
0.08773	0.0		2.806	0.0		89.78	1.0		2872
0.09188	0.0		2.939	0.0		94.03	1.1		3008
0.09622	0.0		3.078	0.0		98.47	1.2		3150
0.1008	0.0		3.224	0.0		103.1	1.2		3299
0.1055	0.0		3.376	0.0		108.0	1.3		3455
0.1105	0.0		3.536	0.0		113.1	1.4		3618
0.1158	0.0		3.703	Zetasizer Ver. 7.01	Serial Number : MAL1063070	118.5	1.5		File name: Malaria
0.1212	0.0		3.878			124.1	1.5		Record Number: 95
0.1270	0.0		4.062			129.9	1.6		30 Sep 2016 10:58:39

Size Statistics Report by Intensity

v2.0



Malvern

Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: MPPASE 3 (well H4)

File Name: Malaria.dts

SOP Name: MPPASE.sop

Measurement Date and Time: 29 September 2016 20:58:54

Z-Average (nm): 20.15112

Derived Count Rate (kcps): 44.8673439025...

Standard Deviation: 0

Standard Deviation: 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm	Mean Intensity Percent	Std Dev Intensity Percent	Size d.nm
0.01000	0.0	0.3199	0.0	0.3350	0.0	10.23	0.0	0.0	327.4
0.01047	0.0	0.3509	0.0	0.3675	0.0	10.72	0.0	0.0	342.9
0.01097	0.0	0.3848	0.0	0.4030	0.0	11.22	0.0	0.0	359.1
0.01149	0.0	0.4221	0.5	0.4421	1.5	11.76	0.0	0.0	376.1
0.01203	0.0	0.4421	1.5	0.4630	2.8	12.31	0.0	0.0	393.8
0.01260	0.0	0.4849	4.0	0.5078	5.0	12.89	0.0	0.0	412.5
0.01319	0.0	0.5318	5.5	0.5570	5.6	13.50	0.0	0.0	432.0
0.01382	0.0	0.5833	5.1	0.6109	4.3	14.14	0.0	0.0	452.4
0.01447	0.0	0.6398	3.1	0.6700	1.8	14.81	0.0	0.0	473.8
0.01516	0.0	0.6700	1.8	0.7017	0.7	15.51	0.0	0.0	496.2
0.01587	0.0	0.7349	0.0	0.7696	0.0	16.24	0.0	0.0	519.7
0.01662	0.0	0.8060	0.0	0.8442	0.0	17.01	0.0	0.0	544.2
0.01741	0.0	0.8841	0.0	0.9259	0.0	17.82	0.0	0.0	570.0
0.01823	0.0	0.9697	0.0	1.016	0.0	18.66	0.0	0.0	596.9
0.01910	0.0	1.064	0.0	1.114	0.0	19.54	0.0	0.0	625.2
0.02000	0.0	1.167	0.0	1.222	0.0	20.47	0.0	0.0	654.7
0.02094	0.0	1.279	0.0	1.340	0.0	21.43	0.0	0.0	685.7
0.02193	0.0	1.340	0.0	1.403	0.0	22.45	0.0	0.0	718.1
0.02297	0.0	1.403	0.0	1.470	0.0	23.51	0.0	0.0	752.1
0.02406	0.0	1.539	0.0	1.612	0.0	24.62	0.0	0.0	787.6
0.02520	0.0	1.688	0.0	1.768	0.0	25.79	0.0	0.0	824.9
0.02639	0.0	1.852	0.0	2.031	0.0	27.00	0.0	0.0	863.9
0.02764	0.0	2.031	0.0	2.127	0.0	28.28	0.0	0.0	904.7
0.02894	0.0	2.127	0.0	2.228	0.0	29.62	0.0	0.0	947.5
0.03031	0.0	2.228	0.0	2.333	0.0	31.02	0.0	0.0	992.3
0.03174	0.0	2.333	0.0	2.443	0.0	32.49	0.0	0.0	1039
0.03325	0.0	2.443	0.0	2.559	0.0	34.02	0.0	0.0	1088
0.03482	0.0	2.559	0.0	2.680	0.0	35.63	0.0	0.0	1140
0.03646	0.0	2.680	0.0	2.806	0.0	37.32	0.0	0.0	1194
0.03819	0.0	2.806	0.0	2.939	0.0	39.08	0.0	0.0	1250
0.04000	0.0	2.939	0.0	3.078	0.0	40.93	0.0	0.0	1309
0.04189	0.0	3.078	0.0	3.224	0.0	42.87	0.0	0.0	1371
0.04387	0.0	3.224	0.0	3.376	0.0	44.89	0.0	0.0	1436
0.04594	0.0	3.376	0.0	3.536	0.0	47.02	0.0	0.0	1504
0.04811	0.0	3.536	0.0	3.703	Zetasizer Ver. 7.01	49.24	0.0	0.0	1575
0.05039	0.0	3.703	Zetasizer Ver. 7.01	3.878	Serial Number : MAL1063070	51.57	0.0	0.0	1650
0.05277	0.0	3.878	Serial Number : MAL1063070	4.062		54.01	0.0	0.0	1728
0.05527	0.0	4.062		4.224		56.56	0.0	0.0	1809
0.05788	0.0	4.224		4.388		59.23	0.0	0.0	1895
0.06062	0.0	4.388		4.552		62.04	0.0	0.0	1985
0.06349	0.0	4.552		4.716		64.97	0.1	0.1	2078
0.06649	0.0	4.716		4.880		68.04	0.2	0.2	2177
0.06963	0.0	4.880		5.044		71.26	0.4	0.4	2280
0.07292	0.0	5.044		5.208		74.63	0.6	0.6	2387
0.07637	0.0	5.208		5.372		78.16	0.8	0.8	2500
0.07999	0.0	5.372		5.536		81.85	1.0	1.0	2619
0.08377	0.0	5.536		5.699		85.73	1.2	1.2	2742
0.08773	0.0	5.699		5.863		89.78	1.4	1.4	2872
0.09188	0.0	5.863		6.027		94.03	1.6	1.6	3008
0.09622	0.0	6.027		6.191		98.47	1.7	1.7	3150
0.1008	0.0	6.191		6.355		103.1	1.9	1.9	3299
0.1055	0.0	6.355		6.519		108.0	2.0	2.0	3455
0.1105	0.0	6.519		6.683		113.1	2.1	2.1	3618
0.1158	0.0	6.683		6.847		118.5	2.2	2.2	File name: Malaria
0.1212	0.0	6.847		7.011		124.1	2.2	2.2	Record Number: 96
0.1270	0.0	7.011		7.175		129.9	2.2	2.2	30 Sep 2016 10:58:41