

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 2
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:19

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4157	Record Number: 3
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:21

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 4
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:23

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.2		4157	Record Number: 5
0.1330	0.0		4.254	0.0		136.1	1.1		4355	30 Sep 2016 10:59:24

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4156	Record Number: 6
0.1330	0.0		4.254	0.0		136.1	0.1		4355	30 Sep 2016 10:59:26

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	1.8		2078	
0.06649	0.0		2.127	0.0		68.04	7.1		2177	
0.06963	0.0		2.228	0.0		71.26	12.3		2280	
0.07292	0.0		2.333	0.0		74.63	12.8		2387	
0.07637	0.0		2.443	0.0		78.16	8.9		2500	
0.07999	0.0		2.559	0.0		81.85	3.8		2619	
0.08377	0.0		2.680	0.0		85.73	0.8		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 7
0.1330	0.0		4.254	0.0		136.1	0.0		4353	30 Sep 2016 10:59:28

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.3		2500	
0.07999	0.0		2.559	0.0		81.85	1.5		2619	
0.08377	0.0		2.680	0.0		85.73	3.4		2742	
0.08773	0.0		2.806	0.0		89.78	5.5		2872	
0.09188	0.0		2.939	0.0		94.03	7.1		3008	
0.09622	0.0		3.078	0.0		98.47	8.0		3150	
0.1008	0.0		3.224	0.0		103.1	8.2		3299	
0.1055	0.0		3.376	0.0		108.0	7.8		3455	
0.1105	0.0		3.536	0.0		113.1	6.9		3618	
0.1158	0.0		3.703	0.0		118.5	5.7		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	4.4		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	3.1		4156	Record Number: 8
0.1330	0.0		4.254	0.0		136.1	2.0		4355	30 Sep 2016 10:59:30

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.2		3455	
0.1105	0.0		3.536	0.0		113.1	0.7		3618	
0.1158	0.0		3.703	0.0		118.5	1.4		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	2.1		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	2.8		4159	Record Number: 9
0.1330	0.0		4.254	0.0		136.1	3.4		4355	30 Sep 2016 10:59:31

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	3.2		20.47	0.0		654.7	
0.02094	0.0		0.6700	14.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	26.8		22.45	0.0		718.1	
0.02297	0.0		0.7349	29.2		23.51	0.0		752.1	
0.02406	0.0		0.7696	19.1		24.62	0.0		787.6	
0.02520	0.0		0.8060	6.8		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4157	Record Number: 10
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:33

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		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	0.7		2177	
0.06963	0.0		2.228	0.0		71.26	1.0		2280	
0.07292	0.0		2.333	0.0		74.63	1.4		2387	
0.07637	0.0		2.443	0.0		78.16	1.9		2500	
0.07999	0.0		2.559	0.0		81.85	2.4		2619	
0.08377	0.0		2.680	0.0		85.73	2.9		2742	
0.08773	0.0		2.806	0.0		89.78	3.3		2872	
0.09188	0.0		2.939	0.0		94.03	3.7		3008	
0.09622	0.0		3.078	0.0		98.47	4.0		3150	
0.1008	0.0		3.224	0.0		103.1	4.1		3299	
0.1055	0.0		3.376	0.0		108.0	4.2		3455	
0.1105	0.0		3.536	0.0		113.1	4.2		3618	
0.1158	0.0		3.703	0.0		118.5	4.1		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	3.9	File name: Malaria	3965	
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	3.7	Record Number: 11	4153	
0.1330	0.0		4.254	0.0		136.1	3.4	30 Sep 2016 10:59:35	4355	

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	2.2		17.82	0.0		570.0	
0.01823	0.0		0.5833	8.8		18.66	0.0		596.9	
0.01910	0.0		0.6109	16.6		19.54	0.0		625.2	
0.02000	0.0		0.6398	20.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	20.3		21.43	0.0		685.7	
0.02193	0.0		0.7017	16.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	10.0		23.51	0.0		752.1	
0.02406	0.0		0.7696	4.3		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 12
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:37

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	2.8		24.62	0.0		787.6	
0.02520	0.0		0.8060	11.9		25.79	0.0		824.9	
0.02639	0.0		0.8442	22.8		27.00	0.0		863.9	
0.02764	0.0		0.8841	26.8		28.28	0.0		904.7	
0.02894	0.0		0.9259	21.5		29.62	0.0		947.5	
0.03031	0.0		0.9697	11.2		31.02	0.0		992.3	
0.03174	0.0		1.016	2.9		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 13
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:39

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.2		1039	
0.03325	0.0		1.064	0.0		34.02	1.2		1088	
0.03482	0.0		1.114	0.0		35.63	2.9		1140	
0.03646	0.0		1.167	0.0		37.32	4.9		1194	
0.03819	0.0		1.222	0.0		39.08	6.4		1250	
0.04000	0.0		1.279	0.0		40.93	7.4		1309	
0.04189	0.0		1.340	0.0		42.87	7.8		1371	
0.04387	0.0		1.403	0.0		44.89	7.7		1436	
0.04594	0.0		1.470	0.0		47.02	7.2		1504	
0.04811	0.0		1.539	0.0		49.24	6.6		1575	
0.05039	0.0		1.612	0.0		51.57	5.8		1650	
0.05277	0.0		1.688	0.0		54.01	5.1		1728	
0.05527	0.0		1.768	0.0		56.56	4.3		1809	
0.05788	0.0		1.852	0.0		59.23	3.7		1895	
0.06062	0.0		1.939	0.0		62.04	3.1		1985	
0.06349	0.0		2.031	0.0		64.97	2.7		2078	
0.06649	0.0		2.127	0.0		68.04	2.3		2177	
0.06963	0.0		2.228	0.0		71.26	2.0		2280	
0.07292	0.0		2.333	0.0		74.63	1.7		2387	
0.07637	0.0		2.443	0.0		78.16	1.6		2500	
0.07999	0.0		2.559	0.0		81.85	1.4		2619	
0.08377	0.0		2.680	0.0		85.73	1.3		2742	
0.08773	0.0		2.806	0.0		89.78	1.2		2872	
0.09188	0.0		2.939	0.0		94.03	1.1		3008	
0.09622	0.0		3.078	0.0		98.47	1.1		3150	
0.1008	0.0		3.224	0.0		103.1	1.0		3299	
0.1055	0.0		3.376	0.0		108.0	0.9		3455	
0.1105	0.0		3.536	0.0		113.1	0.9		3618	
0.1158	0.0		3.703	0.0		118.5	0.8		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.7	File name: Malaria	3965	
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.7	Record Number: 14	4159	
0.1330	0.0		4.254	0.0		136.1	0.6	30 Sep 2016 10:59:41	4355	

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		1194	
0.03819	0.0		1.222	0.0		39.08	0.7		1250	
0.04000	0.0		1.279	0.0		40.93	1.9		1309	
0.04189	0.0		1.340	0.0		42.87	3.4		1371	
0.04387	0.0		1.403	0.0		44.89	4.7		1436	
0.04594	0.0		1.470	0.0		47.02	5.8		1504	
0.04811	0.0		1.539	0.0		49.24	6.5		1575	
0.05039	0.0		1.612	0.0		51.57	6.9		1650	
0.05277	0.0		1.688	0.0		54.01	7.0		1728	
0.05527	0.0		1.768	0.0		56.56	6.8		1809	
0.05788	0.0		1.852	0.0		59.23	6.5		1895	
0.06062	0.0		1.939	0.0		62.04	6.1		1985	
0.06349	0.0		2.031	0.0		64.97	5.6		2078	
0.06649	0.0		2.127	0.0		68.04	5.0		2177	
0.06963	0.0		2.228	0.0		71.26	4.5		2280	
0.07292	0.0		2.333	0.0		74.63	4.0		2387	
0.07637	0.0		2.443	0.0		78.16	3.5		2500	
0.07999	0.0		2.559	0.0		81.85	3.0		2619	
0.08377	0.0		2.680	0.0		85.73	2.6		2742	
0.08773	0.0		2.806	0.0		89.78	2.3		2872	
0.09188	0.0		2.939	0.0		94.03	1.9		3008	
0.09622	0.0		3.078	0.0		98.47	1.7		3150	
0.1008	0.0		3.224	0.0		103.1	1.4		3299	
0.1055	0.0		3.376	0.0		108.0	1.2		3455	
0.1105	0.0		3.536	0.0		113.1	1.0		3618	
0.1158	0.0		3.703	0.0		118.5	0.9		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.7	File name: Malaria	3965	
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.6	Record Number: 15	4155	
0.1330	0.0		4.254	0.0		136.1	0.5	30 Sep 2016 10:59:43	4355	

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.5		752.1	
0.02406	0.0		0.7696	0.0		24.62	2.1		787.6	
0.02520	0.0		0.8060	0.0		25.79	4.5		824.9	
0.02639	0.0		0.8442	0.0		27.00	6.6		863.9	
0.02764	0.0		0.8841	0.0		28.28	7.9		904.7	
0.02894	0.0		0.9259	0.0		29.62	8.3		947.5	
0.03031	0.0		0.9697	0.0		31.02	7.9		992.3	
0.03174	0.0		1.016	0.0		32.49	7.0		1039	
0.03325	0.0		1.064	0.0		34.02	5.8		1088	
0.03482	0.0		1.114	0.0		35.63	4.5		1140	
0.03646	0.0		1.167	0.0		37.32	3.2		1194	
0.03819	0.0		1.222	0.0		39.08	2.2		1250	
0.04000	0.0		1.279	0.0		40.93	1.3		1309	
0.04189	0.0		1.340	0.0		42.87	0.7		1371	
0.04387	0.0		1.403	0.0		44.89	0.4		1436	
0.04594	0.0		1.470	0.0		47.02	0.3		1504	
0.04811	0.0		1.539	0.0		49.24	0.3		1575	
0.05039	0.0		1.612	0.0		51.57	0.5		1650	
0.05277	0.0		1.688	0.0		54.01	0.7		1728	
0.05527	0.0		1.768	0.0		56.56	1.0		1809	
0.05788	0.0		1.852	0.0		59.23	1.3		1895	
0.06062	0.0		1.939	0.0		62.04	1.6		1985	
0.06349	0.0		2.031	0.0		64.97	1.8		2078	
0.06649	0.0		2.127	0.0		68.04	2.0		2177	
0.06963	0.0		2.228	0.0		71.26	2.2		2280	
0.07292	0.0		2.333	0.0		74.63	2.3		2387	
0.07637	0.0		2.443	0.0		78.16	2.3		2500	
0.07999	0.0		2.559	0.0		81.85	2.3		2619	
0.08377	0.0		2.680	0.0		85.73	2.2		2742	
0.08773	0.0		2.806	0.0		89.78	2.1		2872	
0.09188	0.0		2.939	0.0		94.03	2.0		3008	
0.09622	0.0		3.078	0.0		98.47	1.9		3150	
0.1008	0.0		3.224	0.0		103.1	1.7		3299	
0.1055	0.0		3.376	0.0		108.0	1.5		3455	
0.1105	0.0		3.536	0.0		113.1	1.4		3618	
0.1158	0.0		3.703	0.0		118.5	1.2		3790	
0.1212	0.0		3.878	0.0		124.1	1.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.9		4156	Record Number: 16
0.1330	0.0		4.254	0.0		136.1	0.7		4355	30 Sep 2016 10:59:44

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.2		15.51	0.0		496.2	
0.01587	0.0		0.5078	3.1		16.24	0.0		519.7	
0.01662	0.0		0.5318	10.4		17.01	0.0		544.2	
0.01741	0.0		0.5570	18.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	21.3		18.66	0.0		596.9	
0.01910	0.0		0.6109	19.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	14.7		20.47	0.0		654.7	
0.02094	0.0		0.6700	8.5		21.43	0.0		685.7	
0.02193	0.0		0.7017	3.3		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.6		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4157	Record Number: 17
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:46

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.9		13.50	0.0		432.0	
0.01382	0.0		0.4421	4.6		14.14	0.0		452.4	
0.01447	0.0		0.4630	10.6		14.81	0.0		473.8	
0.01516	0.0		0.4849	15.8		15.51	0.0		496.2	
0.01587	0.0		0.5078	18.2		16.24	0.0		519.7	
0.01662	0.0		0.5318	17.3		17.01	0.0		544.2	
0.01741	0.0		0.5570	14.2		17.82	0.0		570.0	
0.01823	0.0		0.5833	9.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	5.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	2.3		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 18
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:49

Size Statistics Report by Volume

v2.0



Malvern

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	2.2		14.81	0.0		473.8	
0.01516	0.0		0.4849	8.9		15.51	0.0		496.2	
0.01587	0.0		0.5078	16.8		16.24	0.0		519.7	
0.01662	0.0		0.5318	21.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	20.3		17.82	0.0		570.0	
0.01823	0.0		0.5833	15.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	9.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	4.2		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 19
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:51

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.4		11.22	0.0		359.1	
0.01149	0.0		0.3675	2.4		11.76	0.0		376.1	
0.01203	0.0		0.3848	6.6		12.31	0.0		393.8	
0.01260	0.0		0.4030	11.1		12.89	0.0		412.5	
0.01319	0.0		0.4221	14.1		13.50	0.0		432.0	
0.01382	0.0		0.4421	15.0		14.14	0.0		452.4	
0.01447	0.0		0.4630	14.1		14.81	0.0		473.8	
0.01516	0.0		0.4849	12.1		15.51	0.0		496.2	
0.01587	0.0		0.5078	9.5		16.24	0.0		519.7	
0.01662	0.0		0.5318	6.7		17.01	0.0		544.2	
0.01741	0.0		0.5570	4.3		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	1.0		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 20
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:53

Size Statistics Report by Volume

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 (nm):	0	Standard Deviation (kcps):	0
%Std Deviation:	0	%Std Deviation:	0
Variance:	0	Variance:	0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		992.3	
0.03174	0.0		1.016	0.0		32.49	0.8		1039	
0.03325	0.0		1.064	0.0		34.02	2.5		1088	
0.03482	0.0		1.114	0.0		35.63	4.6		1140	
0.03646	0.0		1.167	0.0		37.32	6.1		1194	
0.03819	0.0		1.222	0.0		39.08	6.9		1250	
0.04000	0.0		1.279	0.0		40.93	6.8		1309	
0.04189	0.0		1.340	0.0		42.87	6.2		1371	
0.04387	0.0		1.403	0.0		44.89	5.2		1436	
0.04594	0.0		1.470	0.0		47.02	4.1		1504	
0.04811	0.0		1.539	0.0		49.24	3.0		1575	
0.05039	0.0		1.612	0.0		51.57	2.0		1650	
0.05277	0.0		1.688	0.0		54.01	1.3		1728	
0.05527	0.0		1.768	0.0		56.56	0.7		1809	
0.05788	0.0		1.852	0.0		59.23	0.4		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	0.6		2177	
0.06963	0.0		2.228	0.0		71.26	0.8		2280	
0.07292	0.0		2.333	0.0		74.63	1.1		2387	
0.07637	0.0		2.443	0.0		78.16	1.4		2500	
0.07999	0.0		2.559	0.0		81.85	1.7		2619	
0.08377	0.0		2.680	0.0		85.73	2.0		2742	
0.08773	0.0		2.806	0.0		89.78	2.2		2872	
0.09188	0.0		2.939	0.0		94.03	2.3		3008	
0.09622	0.0		3.078	0.0		98.47	2.4		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	2.4		3618	
0.1158	0.0		3.703	0.0		118.5	2.3		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	2.1		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	2.0		4155	Record Number: 21
0.1330	0.0		4.254	0.0		136.1	1.8		4355	30 Sep 2016 10:59:54

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.2		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	6.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	11.4		17.01	0.0		544.2	
0.01741	0.0		0.5570	15.7		17.82	0.0		570.0	
0.01823	0.0		0.5833	17.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	16.9		19.54	0.0		625.2	
0.02000	0.0		0.6398	13.9		20.47	0.0		654.7	
0.02094	0.0		0.6700	9.5		21.43	0.0		685.7	
0.02193	0.0		0.7017	5.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	1.7		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.3		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 22
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:57

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.2		17.01	0.0		544.2	
0.01741	0.0		0.5570	1.5		17.82	0.0		570.0	
0.01823	0.0		0.5833	4.2		18.66	0.0		596.9	
0.01910	0.0		0.6109	7.6		19.54	0.0		625.2	
0.02000	0.0		0.6398	10.4		20.47	0.0		654.7	
0.02094	0.0		0.6700	12.1		21.43	0.0		685.7	
0.02193	0.0		0.7017	12.7		22.45	0.0		718.1	
0.02297	0.0		0.7349	12.3		23.51	0.0		752.1	
0.02406	0.0		0.7696	11.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	9.3		25.79	0.0		824.9	
0.02639	0.0		0.8442	7.2		27.00	0.0		863.9	
0.02764	0.0		0.8841	5.2		28.28	0.0		904.7	
0.02894	0.0		0.9259	3.4		29.62	0.0		947.5	
0.03031	0.0		0.9697	1.9		31.02	0.0		992.3	
0.03174	0.0		1.016	0.8		32.49	0.0		1039	
0.03325	0.0		1.064	0.2		34.02	0.0		1088	
0.03482	0.0		1.114	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 23
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 10:59:59

Size Statistics Report by Volume

v2.0



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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 24
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:00

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	4.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	18.6		17.82	0.0		570.0	
0.01823	0.0		0.5833	31.7		18.66	0.0		596.9	
0.01910	0.0		0.6109	28.6		19.54	0.0		625.2	
0.02000	0.0		0.6398	13.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	2.8		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	- Record Number: 25
0.1330	0.0		4.254	0.0		136.1	0.0		4355	- 30 Sep 2016 11:00:03

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	2.5		18.66	0.0		596.9	
0.01910	0.0		0.6109	12.8		19.54	0.0		625.2	
0.02000	0.0		0.6398	26.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	30.4		21.43	0.0		685.7	
0.02193	0.0		0.7017	19.9		22.45	0.0		718.1	
0.02297	0.0		0.7349	6.8		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4155	-Record Number: 26
0.1330	0.0		4.254	0.0		136.1	0.0		4355	-30 Sep 2016 11:00:05

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.3		2742	
0.08773	0.0		2.806	0.0		89.78	1.6		2872	
0.09188	0.0		2.939	0.0		94.03	3.8		3008	
0.09622	0.0		3.078	0.0		98.47	5.8		3150	
0.1008	0.0		3.224	0.0		103.1	6.8		3299	
0.1055	0.0		3.376	0.0		108.0	6.6		3455	
0.1105	0.0		3.536	0.0		113.1	5.6		3618	
0.1158	0.0		3.703	0.0		118.5	4.1		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	2.5		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	1.1		4157	Record Number: 27
0.1330	0.0		4.254	0.0		136.1	0.3		4355	30 Sep 2016 11:00:07

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.6		3150	
0.1008	0.0		3.224	0.0		103.1	4.6		3299	
0.1055	0.0		3.376	0.0		108.0	12.3		3455	
0.1105	0.0		3.536	0.0		113.1	17.3		3618	
0.1158	0.0		3.703	0.0		118.5	15.2		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	8.5		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	2.4		4159	- Record Number: 28
0.1330	0.0		4.254	0.0		136.1	0.2		4355	- 30 Sep 2016 11:00:09

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		2177	
0.06963	0.0		2.228	0.0		71.26	0.9		2280	
0.07292	0.0		2.333	0.0		74.63	2.6		2387	
0.07637	0.0		2.443	0.0		78.16	4.5		2500	
0.07999	0.0		2.559	0.0		81.85	6.2		2619	
0.08377	0.0		2.680	0.0		85.73	7.2		2742	
0.08773	0.0		2.806	0.0		89.78	7.5		2872	
0.09188	0.0		2.939	0.0		94.03	7.1		3008	
0.09622	0.0		3.078	0.0		98.47	6.3		3150	
0.1008	0.0		3.224	0.0		103.1	5.3		3299	
0.1055	0.0		3.376	0.0		108.0	4.1		3455	
0.1105	0.0		3.536	0.0		113.1	2.9		3618	
0.1158	0.0		3.703	0.0		118.5	1.8		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	1.0	File name: Malaria	3965	
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.4	Record Number: 29	4157	
0.1330	0.0		4.254	0.0		136.1	0.1	30 Sep 2016 11:00:11	4355	

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	1.0		1985	
0.06349	0.0		2.031	0.0		64.97	4.3		2078	
0.06649	0.0		2.127	0.0		68.04	8.5		2177	
0.06963	0.0		2.228	0.0		71.26	10.8		2280	
0.07292	0.0		2.333	0.0		74.63	9.9		2387	
0.07637	0.0		2.443	0.0		78.16	6.9		2500	
0.07999	0.0		2.559	0.0		81.85	3.3		2619	
0.08377	0.0		2.680	0.0		85.73	0.8		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 30
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:13

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	3.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	14.6		17.82	0.0		570.0	
0.01823	0.0		0.5833	24.5		18.66	0.0		596.9	
0.01910	0.0		0.6109	25.8		19.54	0.0		625.2	
0.02000	0.0		0.6398	19.2		20.47	0.0		654.7	
0.02094	0.0		0.6700	9.5		21.43	0.0		685.7	
0.02193	0.0		0.7017	2.5		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	-Record Number: 31
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:15

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		3008	
0.09622	0.0		3.078	0.0		98.47	0.6		3150	
0.1008	0.0		3.224	0.0		103.1	1.5		3299	
0.1055	0.0		3.376	0.0		108.0	2.6		3455	
0.1105	0.0		3.536	0.0		113.1	3.8		3618	
0.1158	0.0		3.703	0.0		118.5	4.7		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	5.5		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	6.0		4157	Record Number: 32
0.1330	0.0		4.254	0.0		136.1	6.3		4355	30 Sep 2016 11:00:17

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.3		3455	
0.1105	0.0		3.536	0.0		113.1	1.0		3618	
0.1158	0.0		3.703	0.0		118.5	1.9		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	2.7		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	3.5		4157	Record Number: 33
0.1330	0.0		4.254	0.0		136.1	4.1		4355	30 Sep 2016 11:00:18

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.1		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.2		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	0.5		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	0.6		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	0.5		16.24	0.0		519.7	
0.01662	0.0		0.5318	0.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.4		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	0.2		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.1		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	0.0		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	0.9		3.536	0.0		113.1	0.0		3618	
0.1158	4.0		3.703	0.0		118.5	0.0		3790	
0.1212	8.2		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	11.7		4.062	0.0		129.9	0.0		4157	Record Number: 34
0.1330	13.7		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:20

Size Statistics Report by Volume

v2.0



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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	13.1		10.23	0.0		327.4	
0.01047	0.0		0.3350	11.1		10.72	0.0		342.9	
0.01097	0.0		0.3509	8.7		11.22	0.0		359.1	
0.01149	0.0		0.3675	6.2		11.76	0.0		376.1	
0.01203	0.0		0.3848	4.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	2.2		12.89	0.0		412.5	
0.01319	0.0		0.4221	1.0		13.50	0.0		432.0	
0.01382	0.0		0.4421	0.3		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	0.4		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	0.4		25.79	0.0		824.9	
0.02639	0.0		0.8442	0.4		27.00	0.0		863.9	
0.02764	0.0		0.8841	0.4		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.3		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 35
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:22

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.1		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	0.2		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	0.2		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	0.1		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	0.0		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	1.5		3.703	0.0		118.5	0.0		3790	
0.1212	6.2		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	12.1		4.062	0.0		129.9	0.0		4157	Record Number: 36
0.1330	16.3		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:24

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.3		1194	
0.03819	0.0		1.222	0.0		39.08	1.4		1250	
0.04000	0.0		1.279	0.0		40.93	3.1		1309	
0.04189	0.0		1.340	0.0		42.87	4.8		1371	
0.04387	0.0		1.403	0.0		44.89	5.9		1436	
0.04594	0.0		1.470	0.0		47.02	6.2		1504	
0.04811	0.0		1.539	0.0		49.24	5.8		1575	
0.05039	0.0		1.612	0.0		51.57	5.1		1650	
0.05277	0.0		1.688	0.0		54.01	4.2		1728	
0.05527	0.0		1.768	0.0		56.56	3.2		1809	
0.05788	0.0		1.852	0.0		59.23	2.3		1895	
0.06062	0.0		1.939	0.0		62.04	1.5		1985	
0.06349	0.0		2.031	0.0		64.97	0.9		2078	
0.06649	0.0		2.127	0.0		68.04	0.5		2177	
0.06963	0.0		2.228	0.0		71.26	0.3		2280	
0.07292	0.0		2.333	0.0		74.63	0.2		2387	
0.07637	0.0		2.443	0.0		78.16	0.3		2500	
0.07999	0.0		2.559	0.0		81.85	0.4		2619	
0.08377	0.0		2.680	0.0		85.73	0.6		2742	
0.08773	0.0		2.806	0.0		89.78	0.9		2872	
0.09188	0.0		2.939	0.0		94.03	1.1		3008	
0.09622	0.0		3.078	0.0		98.47	1.3		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	1.8		3618	
0.1158	0.0		3.703	0.0		118.5	1.9		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	1.9		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	1.9		4157	Record Number: 37
0.1330	0.0		4.254	0.0		136.1	1.9		4355	30 Sep 2016 11:00:26

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	6.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	21.1		19.54	0.0		625.2	
0.02000	0.0		0.6398	31.6		20.47	0.0		654.7	
0.02094	0.0		0.6700	26.2		21.43	0.0		685.7	
0.02193	0.0		0.7017	12.5		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	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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	- Record Number: 38
0.1330	0.0		4.254	0.0		136.1	0.0		4355	- 30 Sep 2016 11:00:28

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.4		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	1.5		4159	Record Number: 39
0.1330	0.0		4.254	0.0		136.1	3.0		4355	30 Sep 2016 11:00:30

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.1		10.23	0.0		327.4	
0.01047	0.0		0.3350	1.8		10.72	0.0		342.9	
0.01097	0.0		0.3509	5.9		11.22	0.0		359.1	
0.01149	0.0		0.3675	10.9		11.76	0.0		376.1	
0.01203	0.0		0.3848	14.3		12.31	0.0		393.8	
0.01260	0.0		0.4030	15.5		12.89	0.0		412.5	
0.01319	0.0		0.4221	14.8		13.50	0.0		432.0	
0.01382	0.0		0.4421	12.7		14.14	0.0		452.4	
0.01447	0.0		0.4630	9.8		14.81	0.0		473.8	
0.01516	0.0		0.4849	6.9		15.51	0.0		496.2	
0.01587	0.0		0.5078	4.2		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	0.8		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 40
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:31

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.5		13.50	0.0		432.0	
0.01382	0.0		0.4421	2.9		14.14	0.0		452.4	
0.01447	0.0		0.4630	7.3		14.81	0.0		473.8	
0.01516	0.0		0.4849	11.9		15.51	0.0		496.2	
0.01587	0.0		0.5078	15.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	16.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	15.1		17.82	0.0		570.0	
0.01823	0.0		0.5833	12.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	9.2		19.54	0.0		625.2	
0.02000	0.0		0.6398	5.7		20.47	0.0		654.7	
0.02094	0.0		0.6700	2.8		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 41
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:34

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		3008	
0.09622	0.0		3.078	0.0		98.47	0.4		3150	
0.1008	0.0		3.224	0.0		103.1	1.1		3299	
0.1055	0.0		3.376	0.0		108.0	1.9		3455	
0.1105	0.0		3.536	0.0		113.1	2.7		3618	
0.1158	0.0		3.703	0.0		118.5	3.4		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	3.8		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	4.1		4156	Record Number: 42
0.1330	0.0		4.254	0.0		136.1	4.3		4355	30 Sep 2016 11:00:40

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
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	2.0		11.22	0.0		359.1	
0.01149	0.0		0.3675	6.3		11.76	0.0		376.1	
0.01203	0.0		0.3848	11.3		12.31	0.0		393.8	
0.01260	0.0		0.4030	14.8		12.89	0.0		412.5	
0.01319	0.0		0.4221	16.1		13.50	0.0		432.0	
0.01382	0.0		0.4421	15.3		14.14	0.0		452.4	
0.01447	0.0		0.4630	13.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	9.8		15.51	0.0		496.2	
0.01587	0.0		0.5078	6.4		16.24	0.0		519.7	
0.01662	0.0		0.5318	3.4		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	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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 43
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:42

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.1		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	5.1		17.01	0.0		544.2	
0.01741	0.0		0.5570	9.7		17.82	0.0		570.0	
0.01823	0.0		0.5833	13.2		18.66	0.0		596.9	
0.01910	0.0		0.6109	15.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	14.9		20.47	0.0		654.7	
0.02094	0.0		0.6700	13.3		21.43	0.0		685.7	
0.02193	0.0		0.7017	10.8		22.45	0.0		718.1	
0.02297	0.0		0.7349	7.8		23.51	0.0		752.1	
0.02406	0.0		0.7696	4.9		24.62	0.0		787.6	
0.02520	0.0		0.8060	2.6		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	0.2		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4155	Record Number: 44
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:44

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	9.1		10.23	0.0		327.4	
0.01047	0.0		0.3350	10.9		10.72	0.0		342.9	
0.01097	0.0		0.3509	11.7		11.22	0.0		359.1	
0.01149	0.0		0.3675	11.6		11.76	0.0		376.1	
0.01203	0.0		0.3848	10.7		12.31	0.0		393.8	
0.01260	0.0		0.4030	9.4		12.89	0.0		412.5	
0.01319	0.0		0.4221	7.8		13.50	0.0		432.0	
0.01382	0.0		0.4421	6.2		14.14	0.0		452.4	
0.01447	0.0		0.4630	4.6		14.81	0.0		473.8	
0.01516	0.0		0.4849	3.2		15.51	0.0		496.2	
0.01587	0.0		0.5078	2.1		16.24	0.0		519.7	
0.01662	0.0		0.5318	1.2		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	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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 45
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:46

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.2		10.23	0.0		327.4	
0.01047	0.0		0.3350	1.3		10.72	0.0		342.9	
0.01097	0.0		0.3509	3.4		11.22	0.0		359.1	
0.01149	0.0		0.3675	6.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	8.2		12.31	0.0		393.8	
0.01260	0.0		0.4030	9.7		12.89	0.0		412.5	
0.01319	0.0		0.4221	10.5		13.50	0.0		432.0	
0.01382	0.0		0.4421	10.5		14.14	0.0		452.4	
0.01447	0.0		0.4630	9.9		14.81	0.0		473.8	
0.01516	0.0		0.4849	9.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	7.8		16.24	0.0		519.7	
0.01662	0.0		0.5318	6.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	5.2		17.82	0.0		570.0	
0.01823	0.0		0.5833	4.0		18.66	0.0		596.9	
0.01910	0.0		0.6109	2.9		19.54	0.0		625.2	
0.02000	0.0		0.6398	2.0		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	0.8		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.4		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4156	Record Number: 46
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:48

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.2		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	3.8		14.14	0.0		452.4	
0.01447	0.0		0.4630	6.7		14.81	0.0		473.8	
0.01516	0.0		0.4849	9.3		15.51	0.0		496.2	
0.01587	0.0		0.5078	11.1		16.24	0.0		519.7	
0.01662	0.0		0.5318	11.8		17.01	0.0		544.2	
0.01741	0.0		0.5570	11.7		17.82	0.0		570.0	
0.01823	0.0		0.5833	10.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	9.5		19.54	0.0		625.2	
0.02000	0.0		0.6398	7.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	6.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	4.3		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	1.6		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	0.2		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 47
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:50

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.8		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	0.7		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	0.7		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.7		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	0.7		14.14	0.0		452.4	
0.01447	0.0		0.4630	0.7		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.7		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	0.6		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	0.5		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	0.4		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.3		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	0.2		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 48
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:52

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 49
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:54

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 50
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:56

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 51
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:00:58

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 52
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:00

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.1		4159	-Record Number: 53
0.1330	0.0		4.254	0.0		136.1	0.6		4355	30 Sep 2016 11:01:02

Size Statistics Report by Volume

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 (nm):	0	Standard Deviation (kcps):	0
%Std Deviation:	0	%Std Deviation:	0
Variance:	0	Variance:	0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 54
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:04

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	5.3		10.23	0.0		327.4	
0.01047	0.0		0.3350	3.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	1.2		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.3		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	0.1		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	0.2		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.3		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	0.3		34.02	0.0		1088	
0.03482	0.0		1.114	0.2		35.63	0.0		1140	
0.03646	0.0		1.167	0.2		37.32	0.0		1194	
0.03819	0.0		1.222	0.2		39.08	0.0		1250	
0.04000	0.0		1.279	0.1		40.93	0.0		1309	
0.04189	0.0		1.340	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 55
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:06

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	3.7		10.23	0.0		327.4	
0.01047	0.0		0.3350	5.7		10.72	0.0		342.9	
0.01097	0.0		0.3509	7.3		11.22	0.0		359.1	
0.01149	0.0		0.3675	8.3		11.76	0.0		376.1	
0.01203	0.0		0.3848	8.8		12.31	0.0		393.8	
0.01260	0.0		0.4030	8.9		12.89	0.0		412.5	
0.01319	0.0		0.4221	8.5		13.50	0.0		432.0	
0.01382	0.0		0.4421	7.9		14.14	0.0		452.4	
0.01447	0.0		0.4630	7.1		14.81	0.0		473.8	
0.01516	0.0		0.4849	6.3		15.51	0.0		496.2	
0.01587	0.0		0.5078	5.4		16.24	0.0		519.7	
0.01662	0.0		0.5318	4.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	3.7		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	2.4		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	1.0		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.7		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.5		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	0.2		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	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 56
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:08

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	11.1		10.23	0.0		327.4	
0.01047	0.0		0.3350	12.5		10.72	0.0		342.9	
0.01097	0.0		0.3509	12.6		11.22	0.0		359.1	
0.01149	0.0		0.3675	11.8		11.76	0.0		376.1	
0.01203	0.0		0.3848	10.2		12.31	0.0		393.8	
0.01260	0.0		0.4030	8.3		12.89	0.0		412.5	
0.01319	0.0		0.4221	6.2		13.50	0.0		432.0	
0.01382	0.0		0.4421	4.4		14.14	0.0		452.4	
0.01447	0.0		0.4630	2.8		14.81	0.0		473.8	
0.01516	0.0		0.4849	1.5		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	0.2		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	0.1		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	0.3		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	0.3		34.02	0.0		1088	
0.03482	0.0		1.114	0.2		35.63	0.0		1140	
0.03646	0.0		1.167	0.2		37.32	0.0		1194	
0.03819	0.0		1.222	0.1		39.08	0.0		1250	
0.04000	0.0		1.279	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 57
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:09

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.2		10.23	0.0		327.4	
0.01047	0.0		0.3350	1.8		10.72	0.0		342.9	
0.01097	0.0		0.3509	5.6		11.22	0.0		359.1	
0.01149	0.0		0.3675	10.1		11.76	0.0		376.1	
0.01203	0.0		0.3848	13.4		12.31	0.0		393.8	
0.01260	0.0		0.4030	15.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	14.7		13.50	0.0		432.0	
0.01382	0.0		0.4421	13.1		14.14	0.0		452.4	
0.01447	0.0		0.4630	10.5		14.81	0.0		473.8	
0.01516	0.0		0.4849	7.5		15.51	0.0		496.2	
0.01587	0.0		0.5078	4.7		16.24	0.0		519.7	
0.01662	0.0		0.5318	2.4		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	0.2		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 58
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:11

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	8.4		10.23	0.0		327.4	
0.01047	0.0		0.3350	5.9		10.72	0.0		342.9	
0.01097	0.0		0.3509	3.6		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	0.7		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 59
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:13

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	5.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	11.4		17.82	0.0		570.0	
0.01823	0.0		0.5833	15.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	17.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	16.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	13.7		21.43	0.0		685.7	
0.02193	0.0		0.7017	9.6		22.45	0.0		718.1	
0.02297	0.0		0.7349	5.4		23.51	0.0		752.1	
0.02406	0.0		0.7696	2.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 60
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:15

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.6		3299	
0.1055	0.0		3.376	0.0		108.0	2.0		3455	
0.1105	0.0		3.536	0.0		113.1	3.8		3618	
0.1158	0.0		3.703	0.0		118.5	5.5		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	6.8		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	7.5		4159	-Record Number: 61
0.1330	0.0		4.254	0.0		136.1	7.7		4355	30 Sep 2016 11:01:17

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	9.5		18.66	0.0		596.9	
0.01910	0.0		0.6109	30.1		19.54	0.0		625.2	
0.02000	0.0		0.6398	36.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	19.9		21.43	0.0		685.7	
0.02193	0.0		0.7017	4.5		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 62
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:20

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	5.8		16.24	0.0		519.7	
0.01662	0.0		0.5318	20.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	30.9		17.82	0.0		570.0	
0.01823	0.0		0.5833	26.4		18.66	0.0		596.9	
0.01910	0.0		0.6109	13.3		19.54	0.0		625.2	
0.02000	0.0		0.6398	3.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 63
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:22

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 64
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:24

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	12.1		10.23	0.0		327.4	
0.01047	0.0		0.3350	13.6		10.72	0.0		342.9	
0.01097	0.0		0.3509	13.7		11.22	0.0		359.1	
0.01149	0.0		0.3675	12.6		11.76	0.0		376.1	
0.01203	0.0		0.3848	10.6		12.31	0.0		393.8	
0.01260	0.0		0.4030	8.2		12.89	0.0		412.5	
0.01319	0.0		0.4221	5.8		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	1.8		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.7		15.51	0.0		496.2	
0.01587	0.0		0.5078	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 65
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:26

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.1		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.7		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	2.1		4159	Record Number: 66
0.1330	0.0		4.254	0.0		136.1	3.9		4355	30 Sep 2016 11:01:28

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.7		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	5.6		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	15.9		4159	Record Number: 67
0.1330	0.0		4.254	0.0		136.1	24.5		4355	30 Sep 2016 11:01:32

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	2.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	12.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	22.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	26.4		19.54	0.0		625.2	
0.02000	0.0		0.6398	21.2		20.47	0.0		654.7	
0.02094	0.0		0.6700	11.4		21.43	0.0		685.7	
0.02193	0.0		0.7017	3.3		22.45	0.0		718.1	
0.02297	0.0		0.7349	0.3		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	- Record Number: 68
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:34

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.7		14.14	0.0		452.4	
0.01447	0.0		0.4630	3.2		14.81	0.0		473.8	
0.01516	0.0		0.4849	7.2		15.51	0.0		496.2	
0.01587	0.0		0.5078	11.2		16.24	0.0		519.7	
0.01662	0.0		0.5318	14.2		17.01	0.0		544.2	
0.01741	0.0		0.5570	15.4		17.82	0.0		570.0	
0.01823	0.0		0.5833	14.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	12.9		19.54	0.0		625.2	
0.02000	0.0		0.6398	9.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	6.3		21.43	0.0		685.7	
0.02193	0.0		0.7017	3.1		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 69
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:36

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.4		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	4.6		11.22	0.0		359.1	
0.01149	0.0		0.3675	7.5		11.76	0.0		376.1	
0.01203	0.0		0.3848	9.8		12.31	0.0		393.8	
0.01260	0.0		0.4030	11.3		12.89	0.0		412.5	
0.01319	0.0		0.4221	11.9		13.50	0.0		432.0	
0.01382	0.0		0.4421	11.6		14.14	0.0		452.4	
0.01447	0.0		0.4630	10.6		14.81	0.0		473.8	
0.01516	0.0		0.4849	9.1		15.51	0.0		496.2	
0.01587	0.0		0.5078	7.4		16.24	0.0		519.7	
0.01662	0.0		0.5318	5.6		17.01	0.0		544.2	
0.01741	0.0		0.5570	3.9		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	1.3		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	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 70
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:38

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	9.7		10.23	0.0		327.4	
0.01047	0.0		0.3350	10.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	9.8		11.22	0.0		359.1	
0.01149	0.0		0.3675	9.1		11.76	0.0		376.1	
0.01203	0.0		0.3848	8.2		12.31	0.0		393.8	
0.01260	0.0		0.4030	7.1		12.89	0.0		412.5	
0.01319	0.0		0.4221	5.9		13.50	0.0		432.0	
0.01382	0.0		0.4421	4.8		14.14	0.0		452.4	
0.01447	0.0		0.4630	3.7		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	1.2		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 71
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:39

Size Statistics Report by Volume

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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.1		15.51	0.0		496.2	
0.01587	0.0		0.5078	2.1		16.24	0.0		519.7	
0.01662	0.0		0.5318	7.6		17.01	0.0		544.2	
0.01741	0.0		0.5570	14.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	17.8		18.66	0.0		596.9	
0.01910	0.0		0.6109	18.3		19.54	0.0		625.2	
0.02000	0.0		0.6398	16.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	12.0		21.43	0.0		685.7	
0.02193	0.0		0.7017	7.4		22.45	0.0		718.1	
0.02297	0.0		0.7349	3.5		23.51	0.0		752.1	
0.02406	0.0		0.7696	1.0		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 72
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:41

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		3618	
0.1158	0.0		3.703	0.0		118.5	0.8		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	2.7		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	5.0		4157	Record Number: 73
0.1330	0.0		4.254	0.0		136.1	6.8		4355	30 Sep 2016 11:01:43

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 74
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:45

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 75
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:51

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	18.6		10.23	0.0		327.4	
0.01047	0.0		0.3350	15.8		10.72	0.0		342.9	
0.01097	0.0		0.3509	10.9		11.22	0.0		359.1	
0.01149	0.0		0.3675	5.8		11.76	0.0		376.1	
0.01203	0.0		0.3848	2.1		12.31	0.0		393.8	
0.01260	0.0		0.4030	0.4		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	0.1		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	1.1		22.45	0.0		718.1	
0.02297	0.0		0.7349	1.5		23.51	0.0		752.1	
0.02406	0.0		0.7696	1.7		24.62	0.0		787.6	
0.02520	0.0		0.8060	1.6		25.79	0.0		824.9	
0.02639	0.0		0.8442	1.3		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	0.5		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 76
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:53

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	3.6		15.51	0.0		496.2	
0.01587	0.0		0.5078	15.5		16.24	0.0		519.7	
0.01662	0.0		0.5318	28.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	29.4		17.82	0.0		570.0	
0.01823	0.0		0.5833	17.6		18.66	0.0		596.9	
0.01910	0.0		0.6109	5.0		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 77
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:55

Size Statistics Report by Volume

v2.0



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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.4		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	9.2		12.89	0.0		412.5	
0.01319	0.0		0.4221	15.2		13.50	0.0		432.0	
0.01382	0.0		0.4421	18.2		14.14	0.0		452.4	
0.01447	0.0		0.4630	17.8		14.81	0.0		473.8	
0.01516	0.0		0.4849	14.9		15.51	0.0		496.2	
0.01587	0.0		0.5078	10.7		16.24	0.0		519.7	
0.01662	0.0		0.5318	6.5		17.01	0.0		544.2	
0.01741	0.0		0.5570	3.0		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 78
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:01:59

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.6		14.14	0.0		452.4	
0.01447	0.0		0.4630	2.5		14.81	0.0		473.8	
0.01516	0.0		0.4849	5.2		15.51	0.0		496.2	
0.01587	0.0		0.5078	7.9		16.24	0.0		519.7	
0.01662	0.0		0.5318	9.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	11.1		17.82	0.0		570.0	
0.01823	0.0		0.5833	11.4		18.66	0.0		596.9	
0.01910	0.0		0.6109	11.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	10.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	8.6		21.43	0.0		685.7	
0.02193	0.0		0.7017	7.1		22.45	0.0		718.1	
0.02297	0.0		0.7349	5.5		23.51	0.0		752.1	
0.02406	0.0		0.7696	4.0		24.62	0.0		787.6	
0.02520	0.0		0.8060	2.6		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	0.8		28.28	0.0		904.7	
0.02894	0.0		0.9259	0.3		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 79
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:01

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.4		10.72	0.0		342.9	
0.01097	0.0		0.3509	2.4		11.22	0.0		359.1	
0.01149	0.0		0.3675	6.1		11.76	0.0		376.1	
0.01203	0.0		0.3848	10.0		12.31	0.0		393.8	
0.01260	0.0		0.4030	12.9		12.89	0.0		412.5	
0.01319	0.0		0.4221	14.1		13.50	0.0		432.0	
0.01382	0.0		0.4421	13.8		14.14	0.0		452.4	
0.01447	0.0		0.4630	12.4		14.81	0.0		473.8	
0.01516	0.0		0.4849	10.1		15.51	0.0		496.2	
0.01587	0.0		0.5078	7.6		16.24	0.0		519.7	
0.01662	0.0		0.5318	5.2		17.01	0.0		544.2	
0.01741	0.0		0.5570	3.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	1.4		18.66	0.0		596.9	
0.01910	0.0		0.6109	0.5		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 80
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:03

Size Statistics Report by Volume

v2.0



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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	0.4		10.72	0.0		342.9	
0.01097	0.0		0.3509	1.7		11.22	0.0		359.1	
0.01149	0.0		0.3675	4.2		11.76	0.0		376.1	
0.01203	0.0		0.3848	6.9		12.31	0.0		393.8	
0.01260	0.0		0.4030	9.2		12.89	0.0		412.5	
0.01319	0.0		0.4221	10.8		13.50	0.0		432.0	
0.01382	0.0		0.4421	11.4		14.14	0.0		452.4	
0.01447	0.0		0.4630	11.3		14.81	0.0		473.8	
0.01516	0.0		0.4849	10.5		15.51	0.0		496.2	
0.01587	0.0		0.5078	9.2		16.24	0.0		519.7	
0.01662	0.0		0.5318	7.7		17.01	0.0		544.2	
0.01741	0.0		0.5570	6.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	4.4		18.66	0.0		596.9	
0.01910	0.0		0.6109	3.0		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	0.9		21.43	0.0		685.7	
0.02193	0.0		0.7017	0.4		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 81
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:08

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	0.7		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	0.6		11.22	0.0		359.1	
0.01149	0.0		0.3675	0.6		11.76	0.0		376.1	
0.01203	0.0		0.3848	0.5		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	0.4		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	0.4		14.81	0.0		473.8	
0.01516	0.0		0.4849	0.3		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	0.2		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.2		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	0.2		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.1		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	0.1		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	0.1		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	0.1		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	0.0		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	3.3		3.078	0.0		98.47	0.0		3150	
0.1008	9.6		3.224	0.0		103.1	0.0		3299	
0.1055	12.2		3.376	0.0		108.0	0.0		3455	
0.1105	11.2		3.536	0.0		113.1	0.0		3618	
0.1158	10.0		3.703	0.0		118.5	0.0		3790	
0.1212	8.7		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	7.4		4.062	0.0		129.9	0.0		4159	-Record Number: 82
0.1330	6.1		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:11

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	10.2		10.23	0.0		327.4	
0.01047	0.0		0.3350	11.1		10.72	0.0		342.9	
0.01097	0.0		0.3509	11.2		11.22	0.0		359.1	
0.01149	0.0		0.3675	10.5		11.76	0.0		376.1	
0.01203	0.0		0.3848	9.4		12.31	0.0		393.8	
0.01260	0.0		0.4030	8.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	6.5		13.50	0.0		432.0	
0.01382	0.0		0.4421	5.1		14.14	0.0		452.4	
0.01447	0.0		0.4630	3.8		14.81	0.0		473.8	
0.01516	0.0		0.4849	2.6		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	1.0		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	0.2		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	-Record Number: 83
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:13

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.5		12.89	0.0		412.5	
0.01319	0.0		0.4221	2.4		13.50	0.0		432.0	
0.01382	0.0		0.4421	5.3		14.14	0.0		452.4	
0.01447	0.0		0.4630	8.3		14.81	0.0		473.8	
0.01516	0.0		0.4849	10.7		15.51	0.0		496.2	
0.01587	0.0		0.5078	12.2		16.24	0.0		519.7	
0.01662	0.0		0.5318	12.7		17.01	0.0		544.2	
0.01741	0.0		0.5570	12.2		17.82	0.0		570.0	
0.01823	0.0		0.5833	10.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	9.0		19.54	0.0		625.2	
0.02000	0.0		0.6398	6.8		20.47	0.0		654.7	
0.02094	0.0		0.6700	4.7		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	1.2		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 84
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:15

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	19.0		10.23	0.0		327.4	
0.01047	0.0		0.3350	17.8		10.72	0.0		342.9	
0.01097	0.0		0.3509	14.1		11.22	0.0		359.1	
0.01149	0.0		0.3675	9.5		11.76	0.0		376.1	
0.01203	0.0		0.3848	5.2		12.31	0.0		393.8	
0.01260	0.0		0.4030	2.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	0.4		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 85
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:17

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	4.7		17.01	0.0		544.2	
0.01741	0.0		0.5570	12.4		17.82	0.0		570.0	
0.01823	0.0		0.5833	19.5		18.66	0.0		596.9	
0.01910	0.0		0.6109	21.9		19.54	0.0		625.2	
0.02000	0.0		0.6398	19.2		20.47	0.0		654.7	
0.02094	0.0		0.6700	13.2		21.43	0.0		685.7	
0.02193	0.0		0.7017	6.4		22.45	0.0		718.1	
0.02297	0.0		0.7349	1.7		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	- Record Number: 86
0.1330	0.0		4.254	0.0		136.1	0.0		4355	- 30 Sep 2016 11:02:21

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	1.9		14.14	0.0		452.4	
0.01447	0.0		0.4630	9.3		14.81	0.0		473.8	
0.01516	0.0		0.4849	20.0		15.51	0.0		496.2	
0.01587	0.0		0.5078	25.8		16.24	0.0		519.7	
0.01662	0.0		0.5318	22.8		17.01	0.0		544.2	
0.01741	0.0		0.5570	14.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	5.3		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4157	Record Number: 87
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:23

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	3.0		17.01	0.0		544.2	
0.01741	0.0		0.5570	13.9		17.82	0.0		570.0	
0.01823	0.0		0.5833	27.3		18.66	0.0		596.9	
0.01910	0.0		0.6109	29.8		19.54	0.0		625.2	
0.02000	0.0		0.6398	19.0		20.47	0.0		654.7	
0.02094	0.0		0.6700	6.3		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 88
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:25

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.9		14.81	0.0		473.8	
0.01516	0.0		0.4849	4.3		15.51	0.0		496.2	
0.01587	0.0		0.5078	10.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	15.1		17.01	0.0		544.2	
0.01741	0.0		0.5570	17.7		17.82	0.0		570.0	
0.01823	0.0		0.5833	17.4		18.66	0.0		596.9	
0.01910	0.0		0.6109	14.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	10.6		20.47	0.0		654.7	
0.02094	0.0		0.6700	6.2		21.43	0.0		685.7	
0.02193	0.0		0.7017	2.6		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 89
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:29

Size Statistics Report by Volume

v2.0



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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.6		12.31	0.0		393.8	
0.01260	0.0		0.4030	2.6		12.89	0.0		412.5	
0.01319	0.0		0.4221	5.8		13.50	0.0		432.0	
0.01382	0.0		0.4421	8.8		14.14	0.0		452.4	
0.01447	0.0		0.4630	11.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	12.1		15.51	0.0		496.2	
0.01587	0.0		0.5078	12.1		16.24	0.0		519.7	
0.01662	0.0		0.5318	11.3		17.01	0.0		544.2	
0.01741	0.0		0.5570	9.9		17.82	0.0		570.0	
0.01823	0.0		0.5833	8.2		18.66	0.0		596.9	
0.01910	0.0		0.6109	6.4		19.54	0.0		625.2	
0.02000	0.0		0.6398	4.7		20.47	0.0		654.7	
0.02094	0.0		0.6700	3.1		21.43	0.0		685.7	
0.02193	0.0		0.7017	1.9		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	0.4		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 90
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:31

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	3.4		10.23	0.0		327.4	
0.01047	0.0		0.3350	5.3		10.72	0.0		342.9	
0.01097	0.0		0.3509	6.9		11.22	0.0		359.1	
0.01149	0.0		0.3675	8.0		11.76	0.0		376.1	
0.01203	0.0		0.3848	8.6		12.31	0.0		393.8	
0.01260	0.0		0.4030	8.8		12.89	0.0		412.5	
0.01319	0.0		0.4221	8.7		13.50	0.0		432.0	
0.01382	0.0		0.4421	8.2		14.14	0.0		452.4	
0.01447	0.0		0.4630	7.5		14.81	0.0		473.8	
0.01516	0.0		0.4849	6.6		15.51	0.0		496.2	
0.01587	0.0		0.5078	5.7		16.24	0.0		519.7	
0.01662	0.0		0.5318	4.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	4.0		17.82	0.0		570.0	
0.01823	0.0		0.5833	3.2		18.66	0.0		596.9	
0.01910	0.0		0.6109	2.5		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	1.4		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	0.7		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	0.3		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 91
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:33

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		17.01	0.0		544.2	
0.01741	0.0		0.5570	0.2		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	0.2		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.2		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	0.2		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	0.1		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	0.0		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	0.3		3.376	0.0		108.0	0.0		3455	
0.1105	2.1		3.536	0.0		113.1	0.0		3618	
0.1158	6.2		3.703	0.0		118.5	0.0		3790	
0.1212	10.9		3.878	0.0	Zetasizer Ver. 7.01	124.1	0.0		3965	File name: Malaria
0.1270	14.2		4.062	0.0	Serial Number : MAL1063070	129.9	0.0		4159	Record Number: 92
0.1330	15.5		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:35

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	1.1		12.31	0.0		393.8	
0.01260	0.0		0.4030	5.0		12.89	0.0		412.5	
0.01319	0.0		0.4221	10.7		13.50	0.0		432.0	
0.01382	0.0		0.4421	15.4		14.14	0.0		452.4	
0.01447	0.0		0.4630	17.5		14.81	0.0		473.8	
0.01516	0.0		0.4849	16.8		15.51	0.0		496.2	
0.01587	0.0		0.5078	14.0		16.24	0.0		519.7	
0.01662	0.0		0.5318	10.1		17.01	0.0		544.2	
0.01741	0.0		0.5570	6.1		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	0.7		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.1		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	Record Number: 93
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:40

Size Statistics Report by Volume

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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.0		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	0.1		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	0.1		19.54	0.0		625.2	
0.02000	0.0		0.6398	0.1		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	0.1		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	0.1		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	0.1		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	0.0		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	4.9		3.078	0.0		98.47	0.0		3150	
0.1008	14.6		3.224	0.0		103.1	0.0		3299	
0.1055	18.8		3.376	0.0		108.0	0.0		3455	
0.1105	17.1		3.536	0.0		113.1	0.0		3618	
0.1158	14.4		3.703	0.0		118.5	0.0		3790	
0.1212	11.3		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	8.1		4.062	0.0		129.9	0.0		4159	Record Number: 94
0.1330	5.2		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:43

Size Statistics Report by Volume

v2.0



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 (nm): 0

Standard Deviation (kcps): 0

%Std Deviation: 0

%Std Deviation: 0

Variance: 0

Variance: 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent
0.01000	0.0		0.3199	8.4		10.23	0.0		327.4	
0.01047	0.0		0.3350	8.0		10.72	0.0		342.9	
0.01097	0.0		0.3509	7.4		11.22	0.0		359.1	
0.01149	0.0		0.3675	6.7		11.76	0.0		376.1	
0.01203	0.0		0.3848	5.9		12.31	0.0		393.8	
0.01260	0.0		0.4030	5.1		12.89	0.0		412.5	
0.01319	0.0		0.4221	4.3		13.50	0.0		432.0	
0.01382	0.0		0.4421	3.7		14.14	0.0		452.4	
0.01447	0.0		0.4630	3.0		14.81	0.0		473.8	
0.01516	0.0		0.4849	2.5		15.51	0.0		496.2	
0.01587	0.0		0.5078	2.1		16.24	0.0		519.7	
0.01662	0.0		0.5318	1.7		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	1.1		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	0.7		20.47	0.0		654.7	
0.02094	0.0		0.6700	0.6		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	0.4		23.51	0.0		752.1	
0.02406	0.0		0.7696	0.3		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	0.2		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	0.1		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	0.0		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		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 95
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:45

Size Statistics Report by Volume

v2.0



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 (nm): 0 **Standard Deviation (kcps):** 0

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

Variance: 0 **Variance:** 0

Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume Percent	Std Dev Volume Percent	Size d.nm	Mean Volume 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	0.6		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	6.7		14.14	0.0		452.4	
0.01447	0.0		0.4630	10.5		14.81	0.0		473.8	
0.01516	0.0		0.4849	13.2		15.51	0.0		496.2	
0.01587	0.0		0.5078	14.3		16.24	0.0		519.7	
0.01662	0.0		0.5318	13.9		17.01	0.0		544.2	
0.01741	0.0		0.5570	12.3		17.82	0.0		570.0	
0.01823	0.0		0.5833	9.9		18.66	0.0		596.9	
0.01910	0.0		0.6109	7.3		19.54	0.0		625.2	
0.02000	0.0		0.6398	4.7		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	1.0		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	0.0		118.5	0.0		3790	
0.1212	0.0		3.878	0.0		124.1	0.0		3965	File name: Malaria
0.1270	0.0		4.062	0.0		129.9	0.0		4159	-Record Number: 96
0.1330	0.0		4.254	0.0		136.1	0.0		4355	30 Sep 2016 11:02:49