

Protein Particle Size Distribution Report

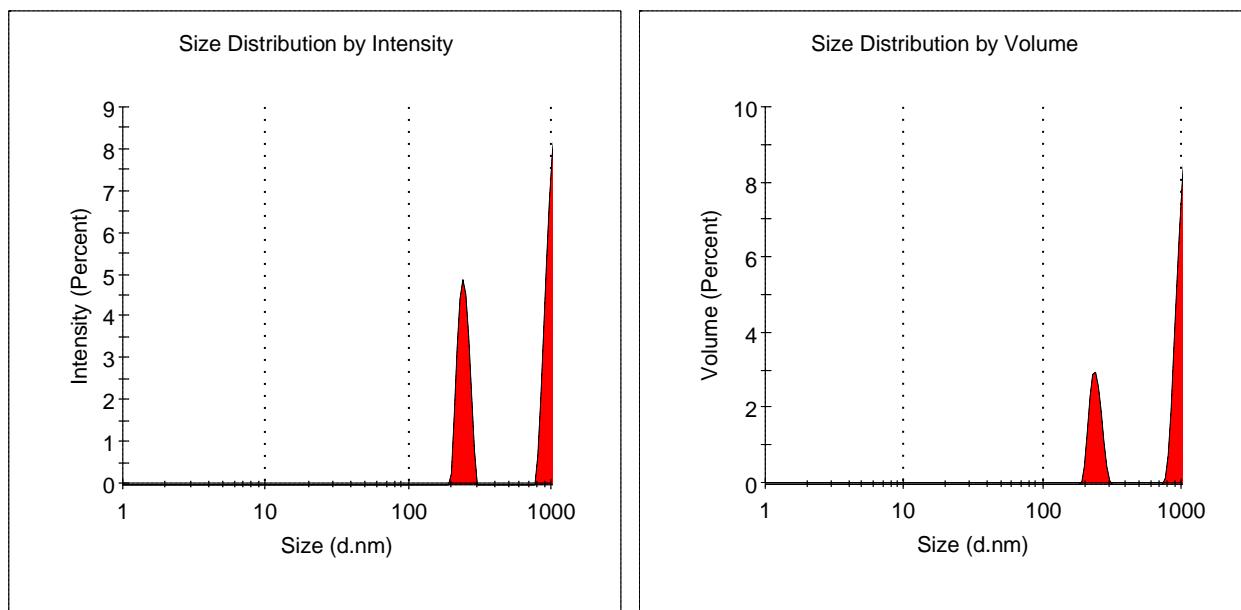
v2.2



Sample Details

Sample Name: MPPASE 1 (well A1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 2 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 13:52:11 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	553.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	1553.6	Peak 1:	74.4	1090	1088	153.6	14.1 8.50e6
Z-Avg (d.nm):	685.7	Peak 2:	25.6	239.7	236.9	20.52	8.6 2.46e5
Pdl:	0.437	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	453.5	Mass Distribution Results (M)					
%Polydispersity:	66.1	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.88e6	Peak 1:	83.7	1107	1088	159.4	14.4 8.82e6
Merit (0 to 100):	68.6	Peak 2:	16.3	236.8	236.9	21.81	9.2 2.39e5
Est %Vol Fraction*	.00105	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

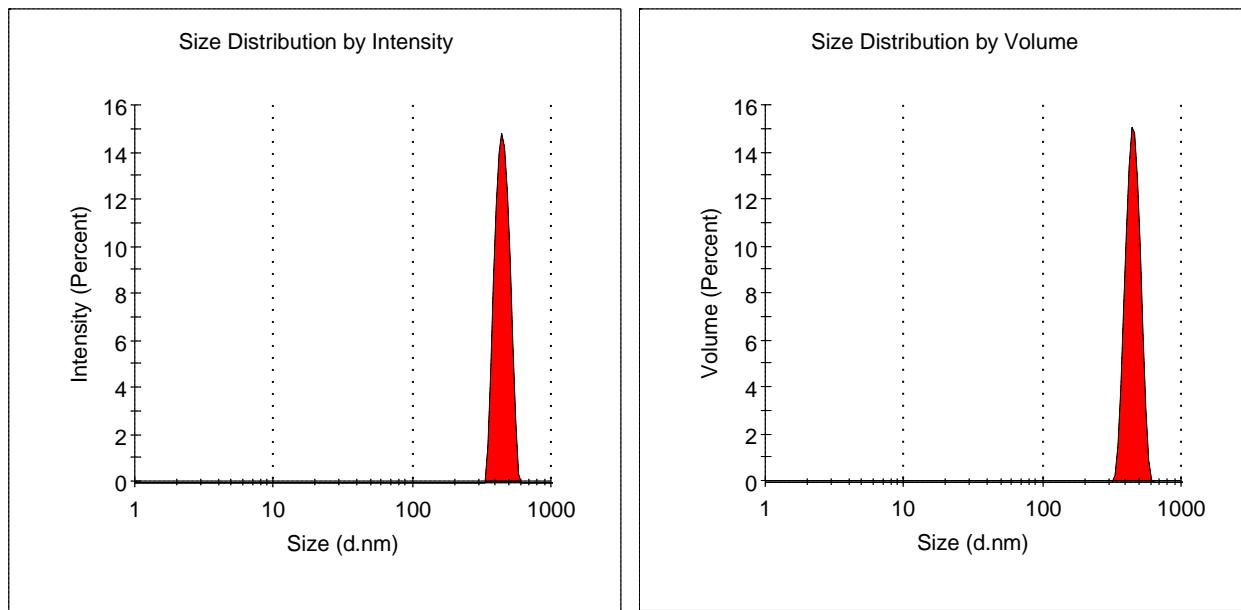
v2.2



Sample Details

Sample Name: MPPASE 2 (well A1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 3 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 13:54:28 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	475.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	1334.4	Peak 1:	100.0	438.0	432.0	48.44	11.1 1.01e6
Z-Avg (d.nm):	518.1	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Pdl:	0.284	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	276.3	Mass Distribution Results (M)					
%Polydispersity:	53.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.49e6	Peak 1:	100.0	442.1	432.0	49.83	11.3 1.03e6
Merit (0 to 100):	71.5	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	.0004	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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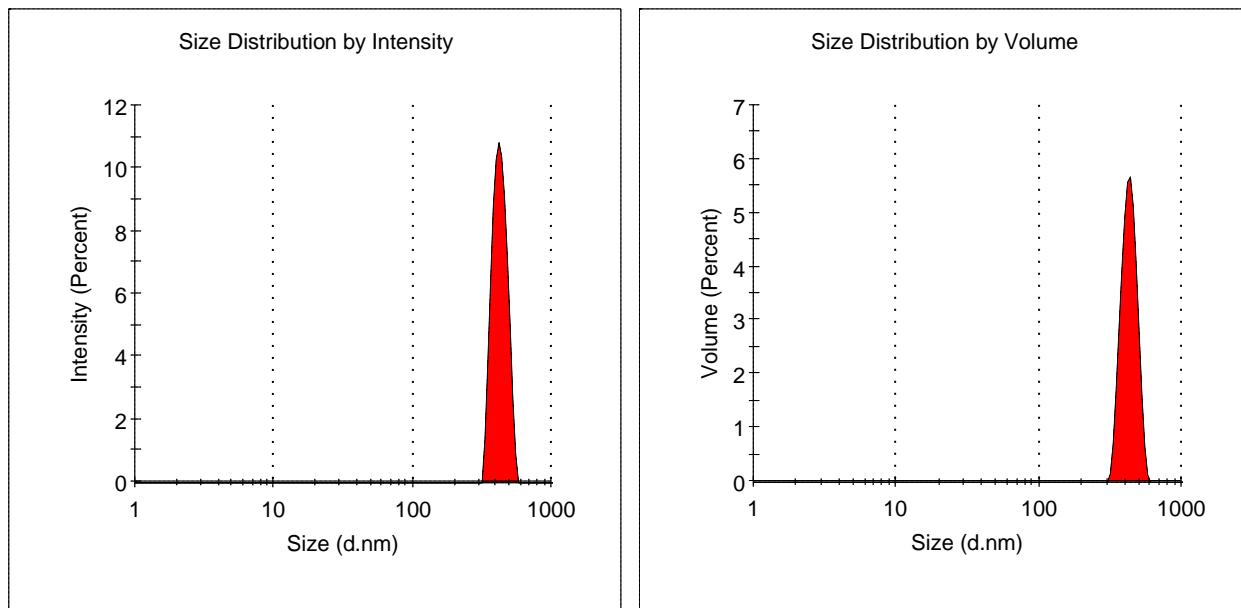
v2.2



Sample Details

Sample Name: MPPASE 3 (well A1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 4 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 13:56:45 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	260.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	730.4	Peak 1:	76.7	419.9	412.5	49.06	11.7 9.13e5
Z-Avg (d.nm):	533.5	Peak 2:	23.3	4670	4775	636.3	13.6 2.56e8
Pdl:	0.348	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	314.7	Mass Distribution Results (M)					
%Polydispersity:	59.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.60e6	Peak 1:	39.7	425.1	432.0	50.59	11.9 9.40e5
Merit (0 to 100):	72.2	Peak 2:	60.3	4681	5000	652.8	13.9 2.57e8
Est %Vol Fraction*	.0004	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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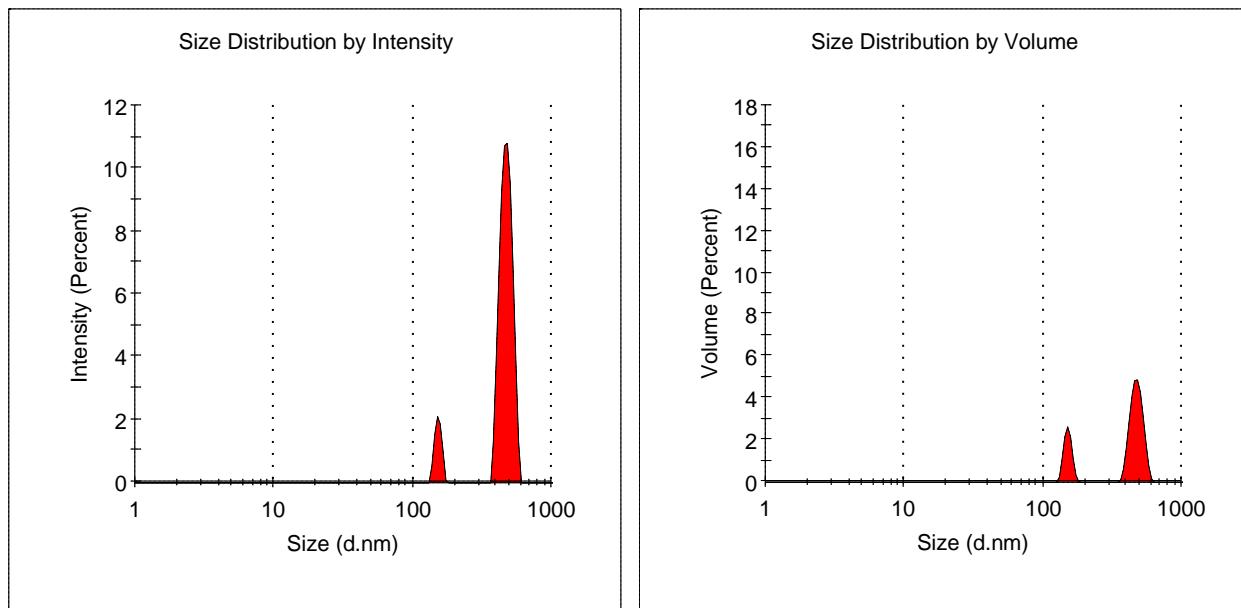
v2.2



Sample Details

Sample Name: MPPASE 1 (well A2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 5 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 14:02:23 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
CR (kcps):	407.0						
Derived CR (kcp...:	407.0	Peak 1:	64.6	465.7	473.8	45.06	9.7 1.16e6
Z-Avg (d.nm):	743.2	Peak 2:	28.3	5398	5744	313.5	5.8 3.59e8
Pdl:	0.920	Peak 3:	7.1	151.0	149.2	8.233	5.5 8.34e4
Pd (d.nm):	712.8	Mass Distribution Results (M)					
%Polydispersity:	95.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.47e6	Peak 1:	29.6	467.9	473.8	47.16	10.1 1.18e6
Merit (0 to 100):	62.8	Peak 2:	60.6	5395	5484	359.1	6.7 3.59e8
Est %Vol Fraction*	.00018	Peak 3:	9.7	149.9	149.2	9.539	6.4 8.20e4



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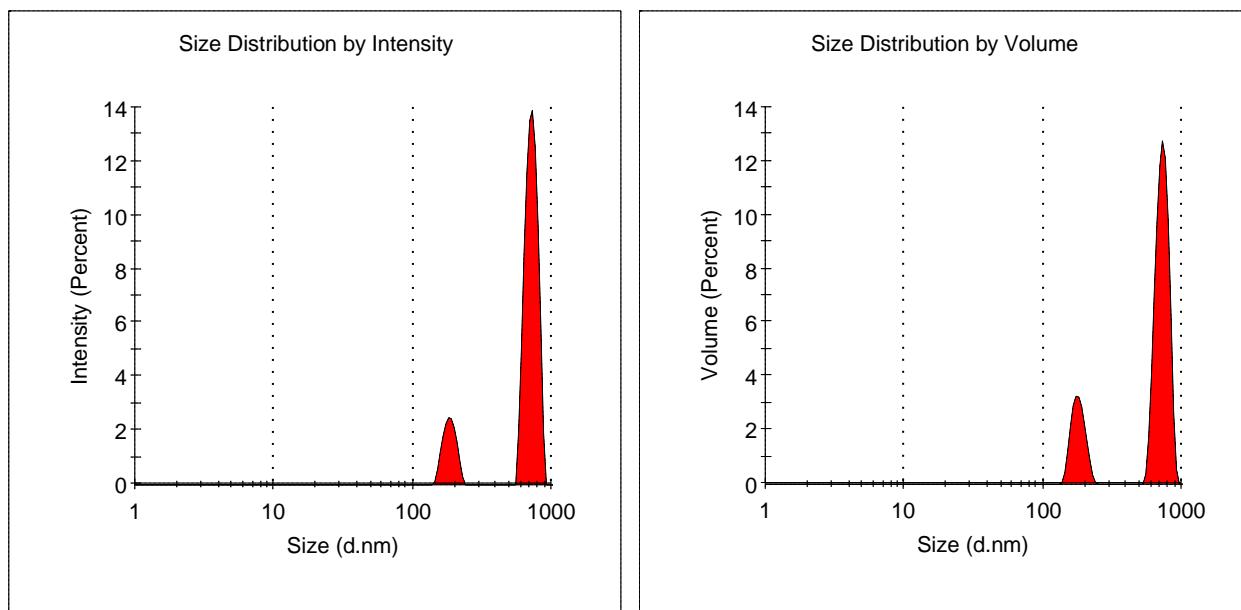
v2.2



Sample Details

Sample Name: MPPASE 2 (well A2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 6 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 14:05:22 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	471.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	471.4	Peak 1:	84.2	707.5	718.1	69.71	9.9 3.09e6
Z-Avg (d.nm):	1089	Peak 2:	15.8	182.8	179.5	18.81	10.3 1.30e5
Pdl:	0.991	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	1084	Mass Distribution Results (M)					
%Polydispersity:	99.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	8.49e6	Peak 1:	78.8	715.4	718.1	73.77	10.3 3.18e6
Merit (0 to 100):	50.2	Peak 2:	21.2	178.4	171.4	19.39	10.9 1.23e5
Est %Vol Fraction*	.00011	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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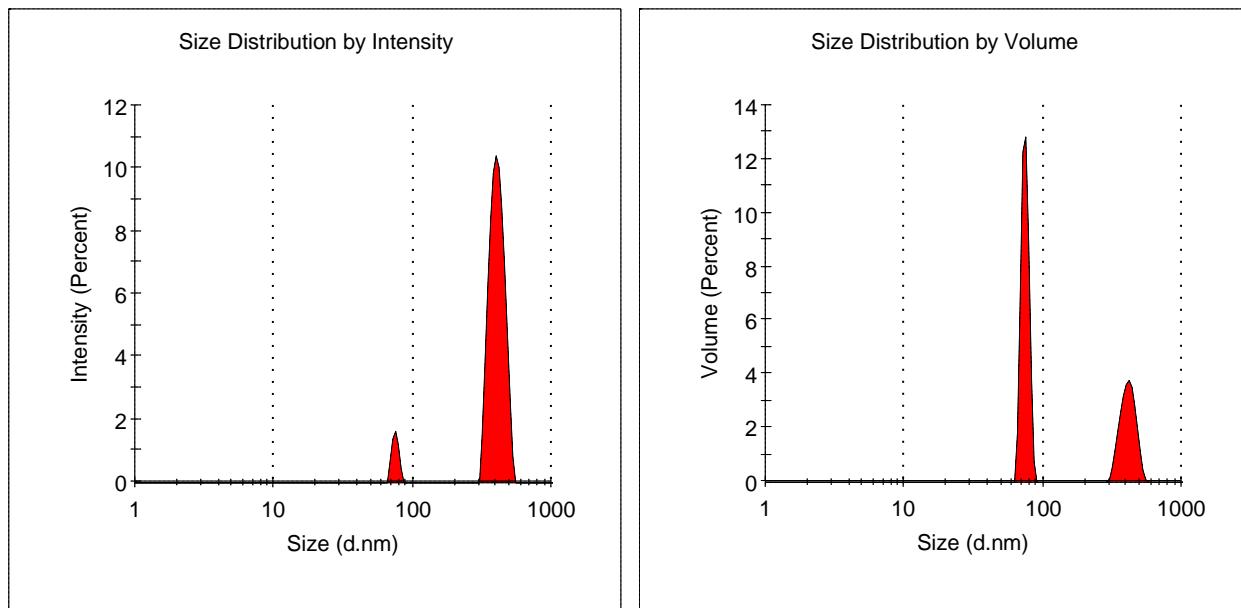
v2.2



Sample Details

Sample Name: MPPASE 3 (well A2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 7 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 14:08:21 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	224.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	224.4	Peak 1:	74.1	400.8	393.8	46.95	11.7 8.19e5
Z-Avg (d.nm):	631.5	Peak 2:	20.6	2090	2078	264.4	12.6 3.90e7
Pdl:	0.889	Peak 3:	5.4	74.38	74.63	3.930	5.3 1.59e4
Pd (d.nm):	595.4	Mass Distribution Results (M)					
%Polydispersity:	94.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.37e6	Peak 1:	27.1	406.3	412.5	48.95	12.0 8.45e5
Merit (0 to 100):	51.9	Peak 2:	25.4	2114	2078	274.9	13.0 4.01e7
Est %Vol Fraction*	.00003	Peak 3:	47.5	73.82	74.63	4.569	6.2 1.56e4



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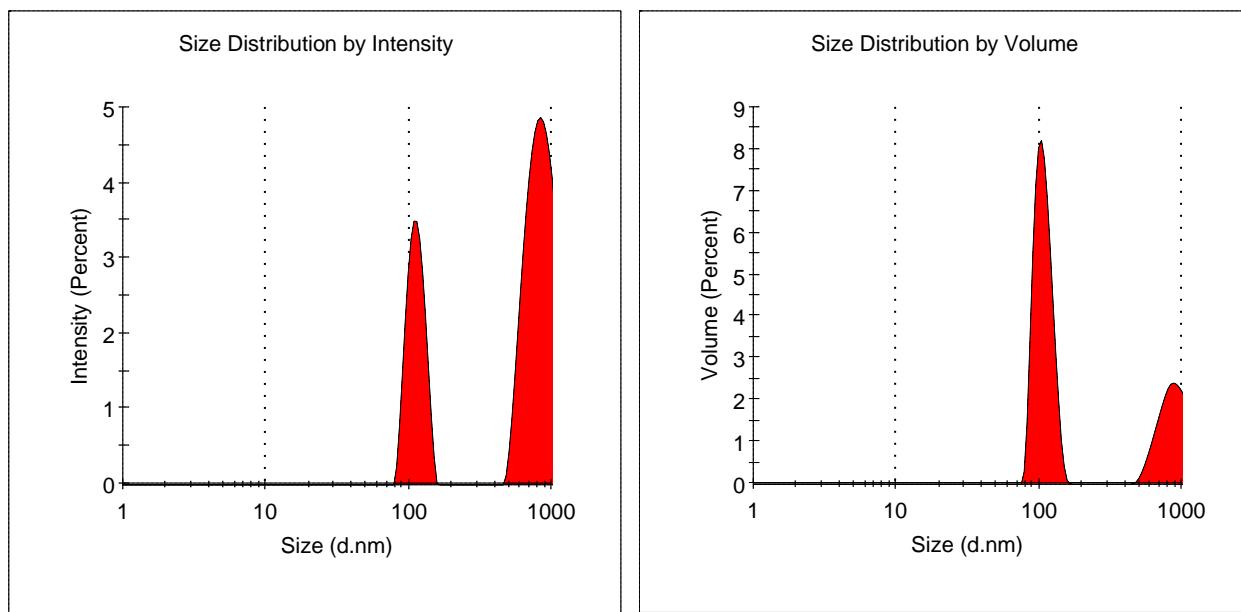
v2.2



Sample Details

Sample Name:	MPPASE 1 (well A3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	8	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:13:31	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	138.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	138.6	Peak 1:	71.1	861.2	824.9	209.3	24.3 4.90e6
Z-Avg (d.nm):	394.8	Peak 2:	28.9	112.0	108.0	15.14	13.5 4.14e4
Pdl:	0.903	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	375.0	Mass Distribution Results (M)					
%Polydispersity:	95.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	7.90e5	Peak 1:	34.7	903.3	863.9	216.8	24.0 5.48e6
Merit (0 to 100):	33.6	Peak 2:	65.3	106.6	103.1	14.71	13.8 3.69e4
Est %Vol Fraction*	.00002	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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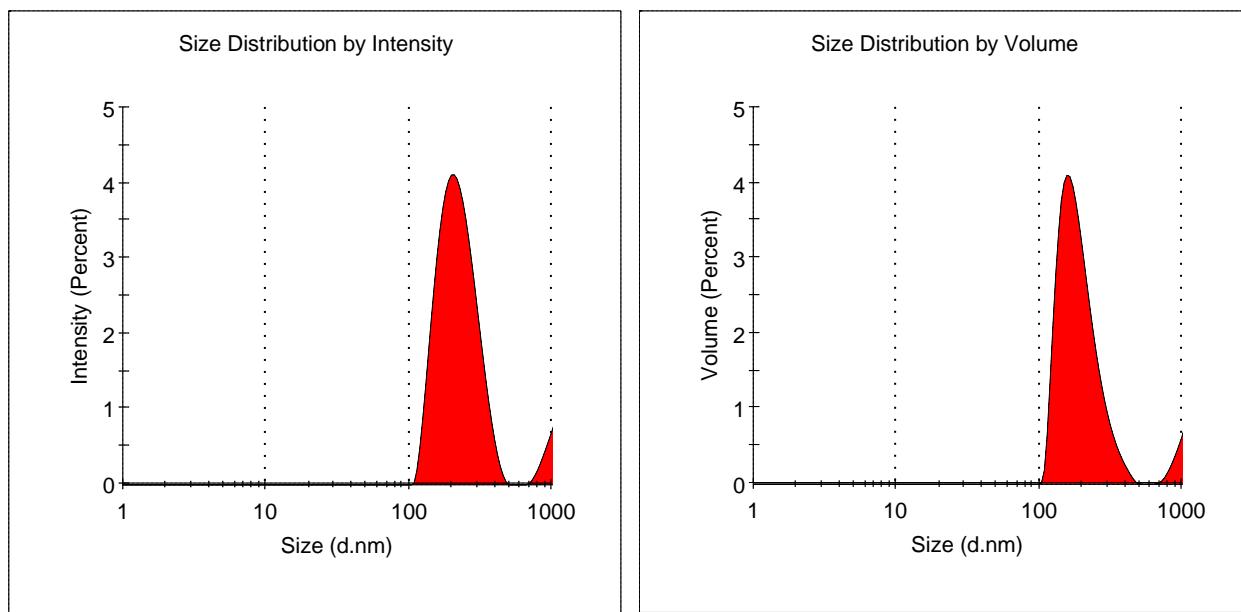
v2.2



Sample Details

Sample Name:	MPPASE 2 (well A3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	9	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:16:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	96.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	96.3	Peak 1:	70.3	222.0	206.2	65.69	29.6 2.06e5
Z-Avg (d.nm):	241.7	Peak 2:	29.7	1730	1575	618.1	35.7 2.51e7
Pdl:	0.451	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	162.2	Mass Distribution Results (M)					
%Polydispersity:	67.1	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.51e5	Peak 1:	60.9	190.7	156.3	59.48	31.2 1.44e5
Merit (0 to 100):	33.7	Peak 2:	39.1	1876	1809	651.3	34.7 3.03e7
Est %Vol Fraction*	.00002	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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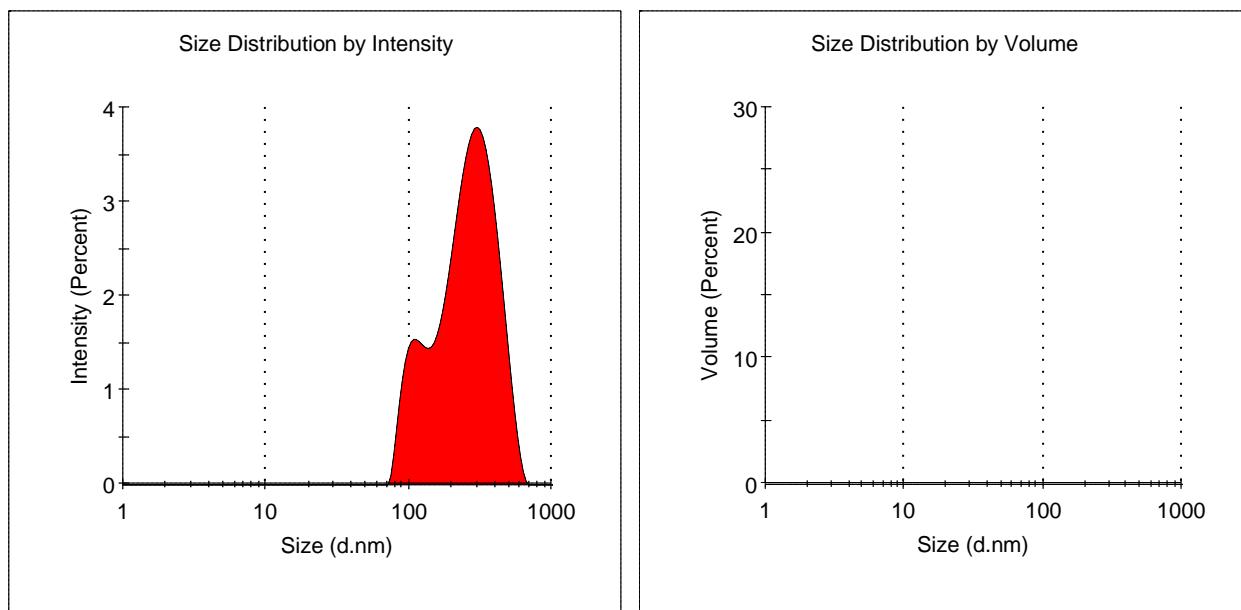
v2.2



Sample Details

Sample Name:	MPPASE 3 (well A3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	10	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:18:46	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	85.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	85.1	Peak 1:	78.6	295.7	298.5	103.1	34.9 4.02e5
Z-Avg (d.nm):	229.0	Peak 2:	16.0	108.8	108.0	16.54	15.2 3.87e4
Pdl:	0.393	Peak 3:	5.4	0.7310	0.7349	0.03513	4.8 0.319
Pd (d.nm):	143.5	Mass Distribution Results (M)					
%Polydispersity:	62.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.21e5	Peak 1:	100.0	0.7263	0.7349	0.04216	5.8 0.315
Merit (0 to 100):	26.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	3.08222	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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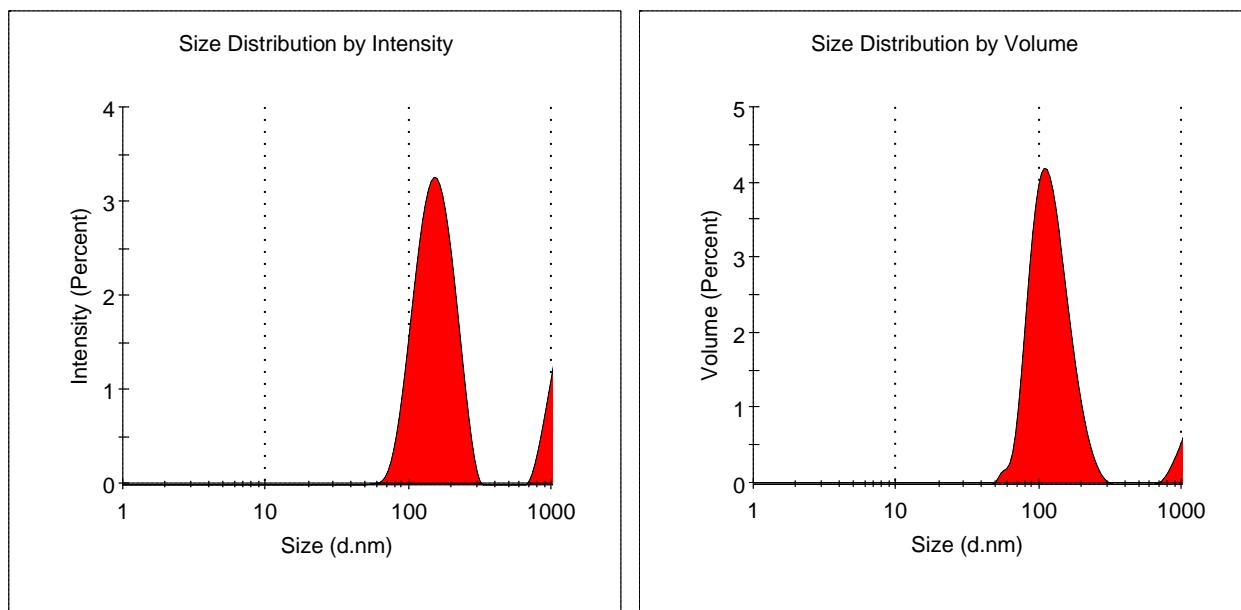
v2.2



Sample Details

Sample Name:	MPPASE 1 (well A4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	11	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:23:36	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	83.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	83.3	Peak 1:	57.1	155.5	149.2	45.95	29.5 8.94e4
Z-Avg (d.nm):	221.5	Peak 2:	42.9	1641	1504	557.5	34.0 2.22e7
Pdl:	0.527	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	160.9	Mass Distribution Results (M)					
%Polydispersity:	72.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.05e5	Peak 1:	69.7	123.0	108.0	38.89	31.6 5.16e4
Merit (0 to 100):	21.6	Peak 2:	30.3	1768	1728	582.6	33.0 2.64e7
Est %Vol Fraction*	.00001	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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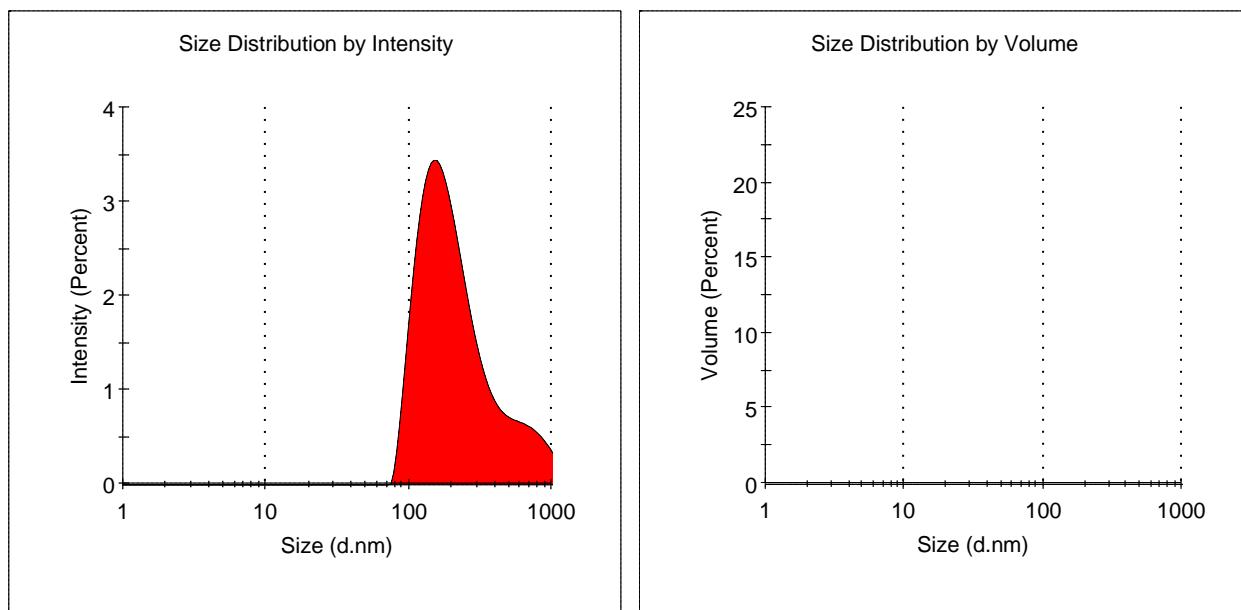
v2.2



Sample Details

Sample Name:	MPPASE 2 (well A4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	12	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:25:53	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	86.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	86.9	Peak 1:	89.6	259.1	149.2	205.5	79.3 2.95e5
Z-Avg (d.nm):	200.4	Peak 2:	6.3	0.6713	0.6700	0.04940	7.4 0.262
Pdl:	0.582	Peak 3:	4.1	5124	5744	523.7	10.2 3.18e8
Pd (d.nm):	152.8	Mass Distribution Results (M)					
%Polydispersity:	76.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.62e5	Peak 1:	100.0	0.6609	0.6398	0.05304	8.0 0.252
Merit (0 to 100):	21.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	4.56945	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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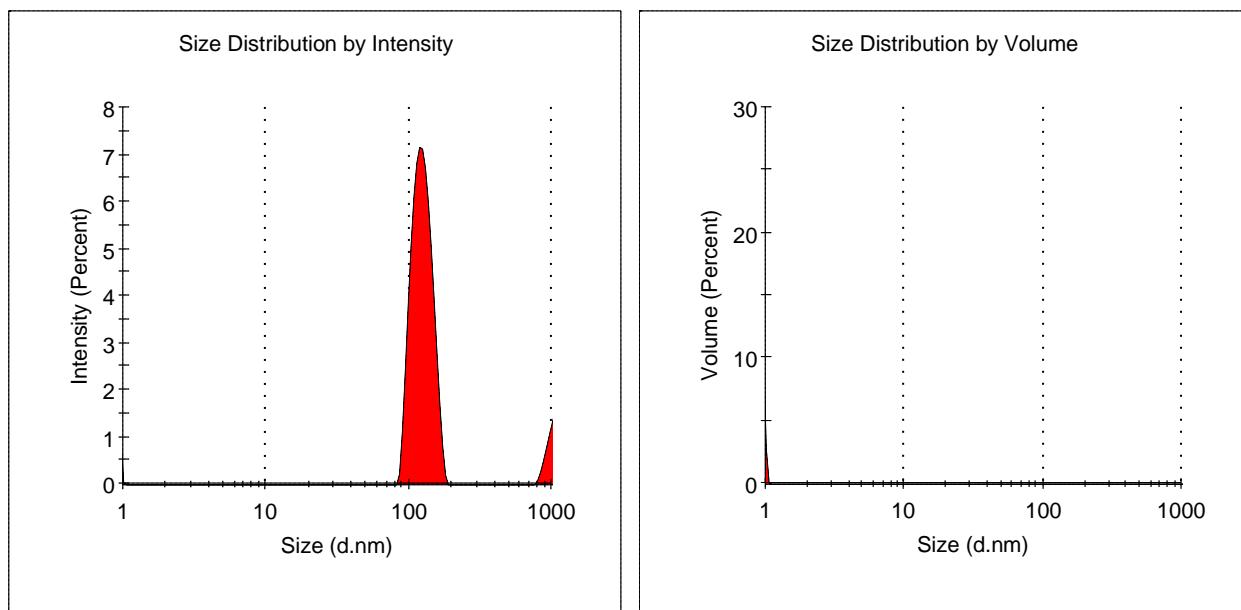
v2.2



Sample Details

Sample Name:	MPPASE 3 (well A4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	13	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:28:10	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	71.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	71.3	Peak 1:	66.9	123.7	118.5	19.10	15.4 5.23e4
Z-Avg (d.nm):	186.0	Peak 2:	25.8	1309	1250	282.3	21.6 1.31e7
Pdl:	0.610	Peak 3:	7.4	0.8924	0.8841	0.04867	5.5 0.510
Pd (d.nm):	145.3	Mass Distribution Results (M)					
%Polydispersity:	78.1	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.36e5	Peak 1:	100.0	0.8849	0.8841	0.05638	6.4 0.500
Merit (0 to 100):	13.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	2.57225	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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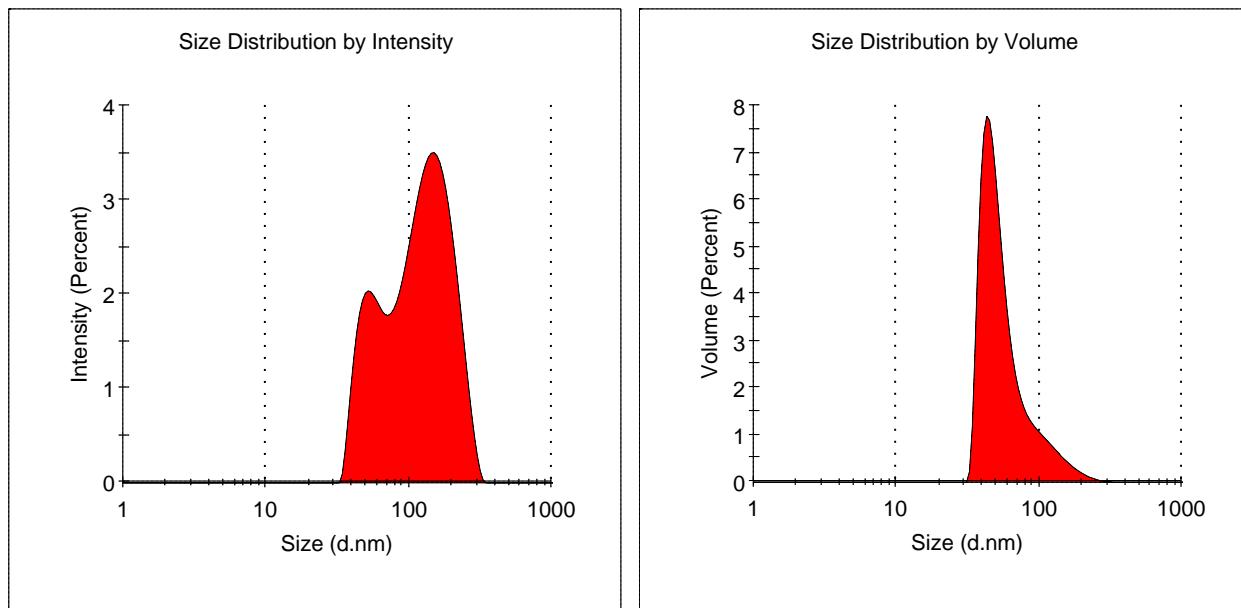
v2.2



Sample Details

Sample Name: MPPASE 1 (well B1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 14 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 14:33:01 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	313.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	313.6	Peak 1:	74.5	147.0	149.2	51.61	35.1 7.83e4
Z-Avg (d.nm):	94.38	Peak 2:	25.5	53.70	51.57	9.948	18.5 7420
Pdl:	0.228	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	45.08	Mass Distribution Results (M)					
%Polydispersity:	47.8	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.78e4	Peak 1:	100.0	60.22	42.87	30.67	50.9 9710
Merit (0 to 100):	62.0	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	.00055	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

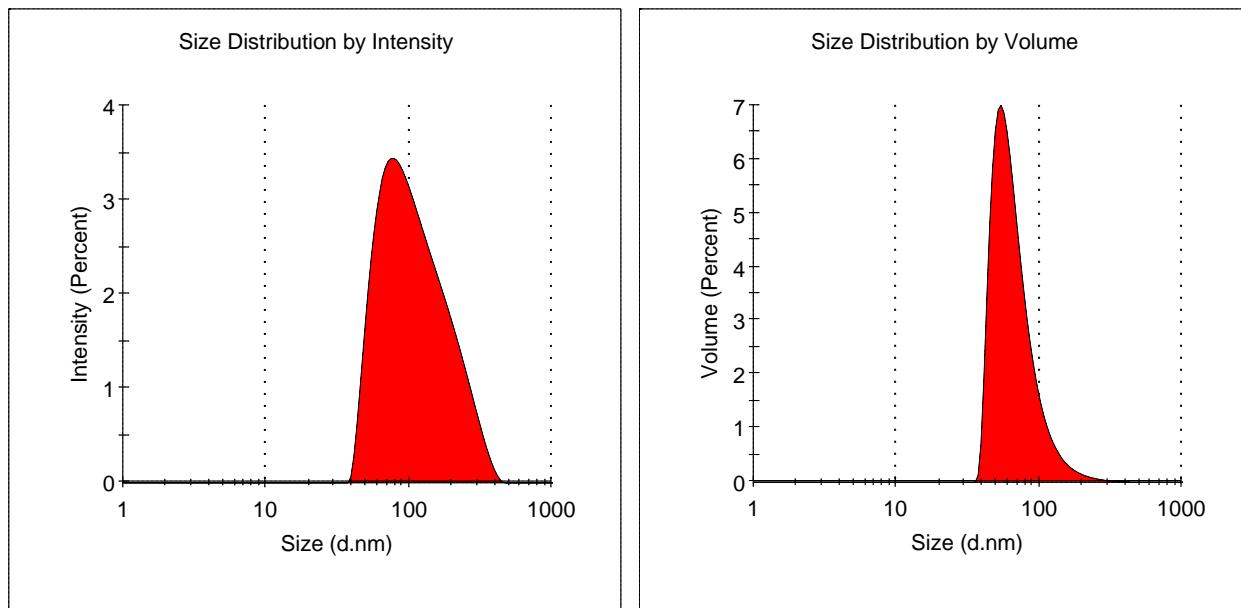
v2.2



Sample Details

Sample Name: MPPASE 2 (well B1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 15 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 14:35:18 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	296.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	296.8	Peak 1:	100.0	120.5	78.16	67.71	56.2 4.92e4
Z-Avg (d.nm):	91.69	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Pdl:	0.210	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	42.06	Mass Distribution Results (M)					
%Polydispersity:	45.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.60e4	Peak 1:	100.0	68.48	54.01	29.03	42.4 1.31e4
Merit (0 to 100):	60.1	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	.00056	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

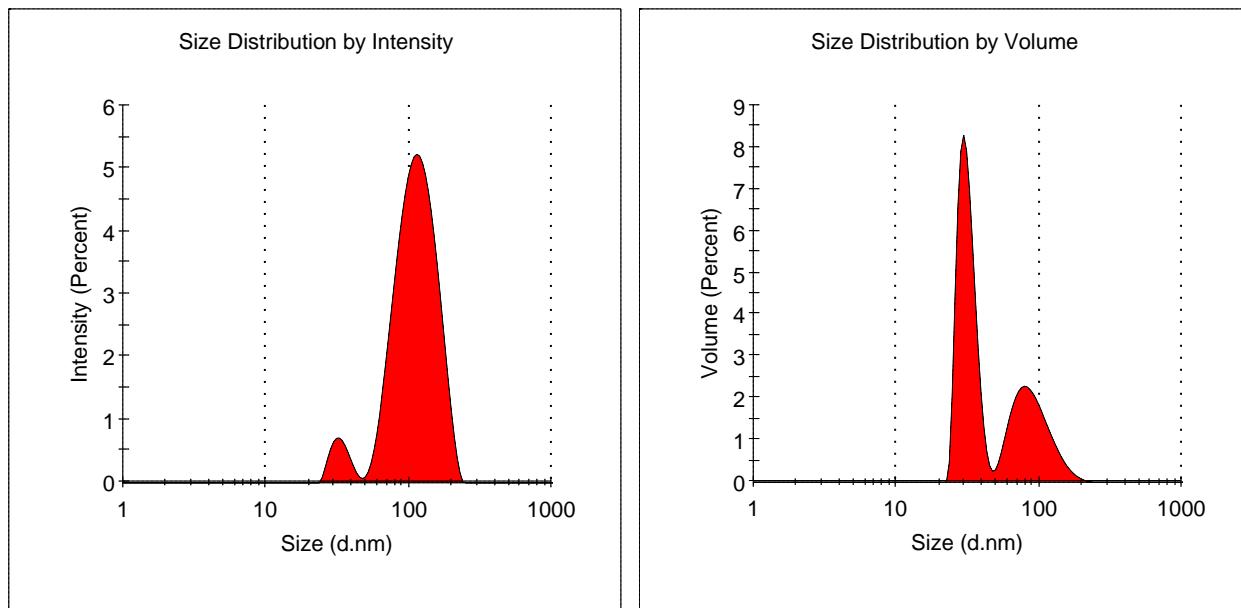
v2.2



Sample Details

Sample Name: MPPASE 3 (well B1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 16 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 14:37:35 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	317.1		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd MW (kDa)*
Derived CR (kcp...:	317.1	Peak 1: 94.0	116.3	113.1	34.84	29.9	4.53e4
Z-Avg (d.nm):	98.22	Peak 2: 6.0	33.14	32.49	4.809	14.5	2400
Pdl:	0.252	Peak 3: 0.0	0.000	0.000	0.000	0	0.00
Pd (d.nm):	49.32	Mass Distribution Results (M)					
%Polydispersity:	50.2		%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd MW (kDa)*
Est MW (kDa):	3.05e4	Peak 1: 37.2	90.24	78.16	28.02	31.0	2.50e4
Merit (0 to 100):	58.9	Peak 2: 62.8	31.29	29.62	4.396	14.0	2100
Est %Vol Fraction*	.00023	Peak 3: 0.0	0.000	0.000	0.000	0	0.00



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Protein Particle Size Distribution Report

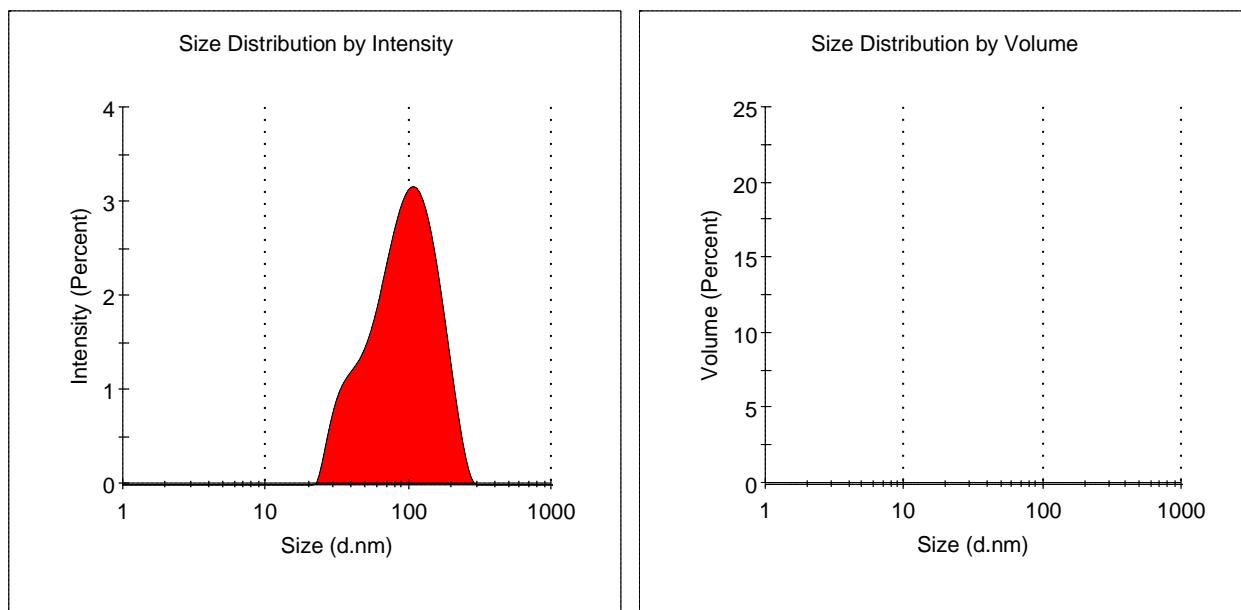
v2.2



Sample Details

Sample Name:	MPPASE 1 (well B2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	17	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:43:46	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	79.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	79.7	Peak 1:	92.2	100.1	108.0	49.27	49.2 3.18e4
Z-Avg (d.nm):	68.52	Peak 2:	7.8	0.6062	0.6109	0.04475	7.4 0.206
Pdl:	0.503	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	48.61	Mass Distribution Results (M)					
%Polydispersity:	70.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.31e4	Peak 1:	100.0	0.5967	0.5833	0.04790	8.0 0.199
Merit (0 to 100):	19.7	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	12.739...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

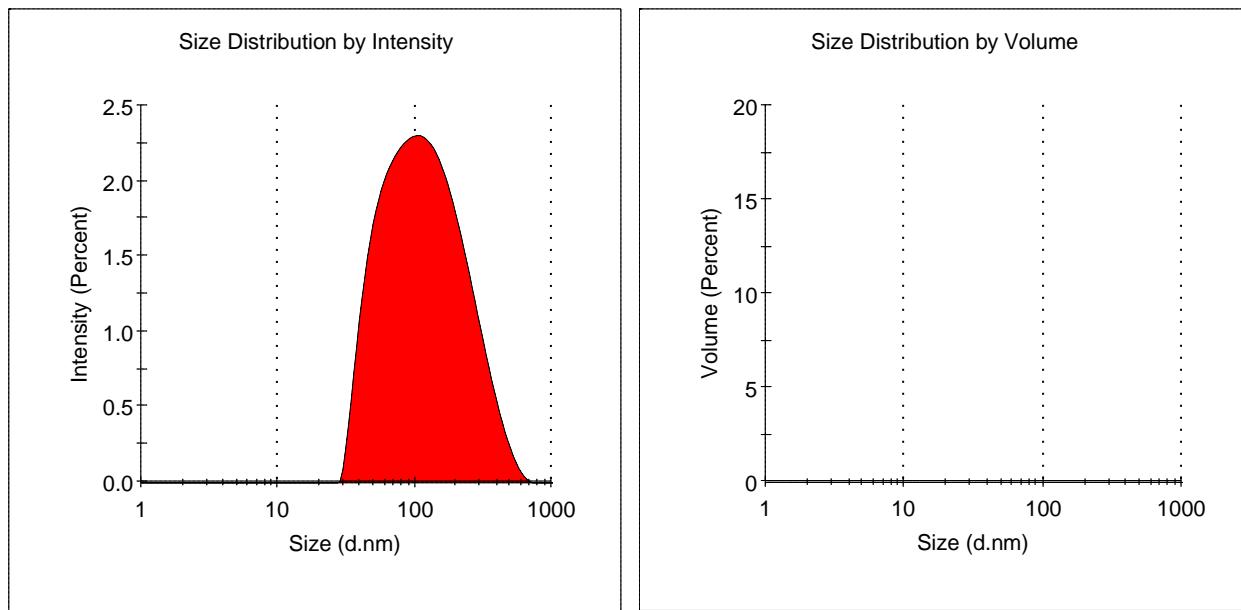
v2.2



Sample Details

Sample Name:	MPPASE 2 (well B2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	18	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:47:27	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	88.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	88.1	Peak 1:	93.9	138.2	103.1	96.36	69.7 6.78e4
Z-Avg (d.nm):	84.32	Peak 2:	6.1	0.5361	0.5318	0.04766	8.9 0.155
Pdl:	0.407	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	53.77	Mass Distribution Results (M)					
%Polydispersity:	63.8	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.13e4	Peak 1:	100.0	0.5240	0.5078	0.04938	9.4 0.147
Merit (0 to 100):	24.2	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	12.345...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

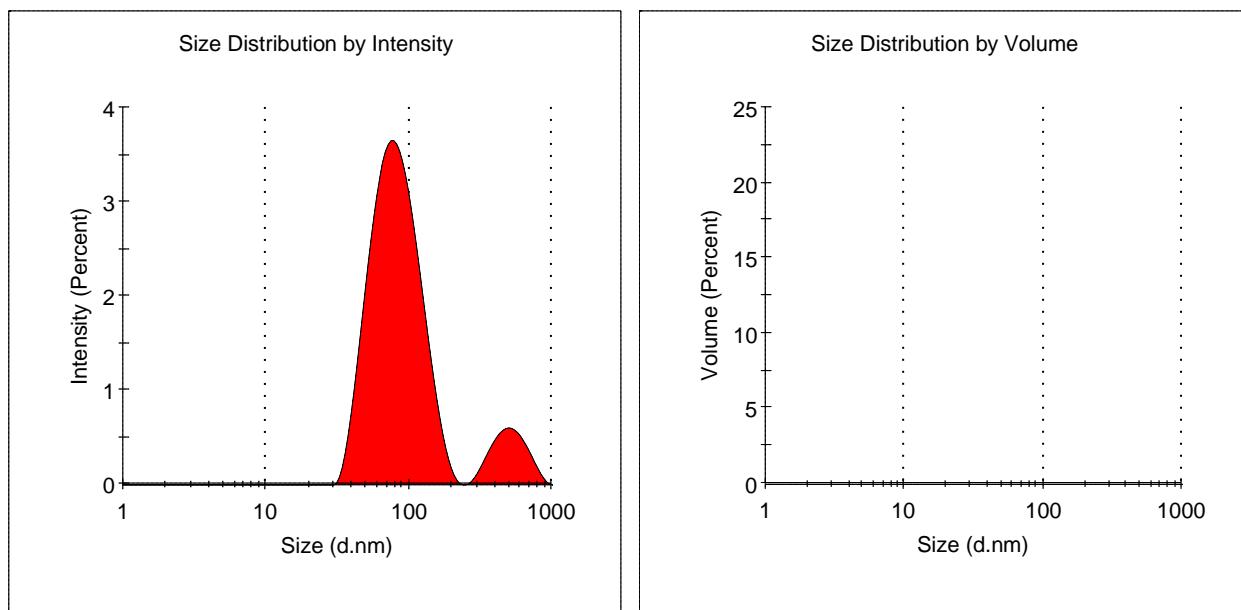
v2.2



Sample Details

Sample Name:	MPPASE 3 (well B2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	19	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:51:07	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	79.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	79.2	Peak 1:	79.7	84.73	78.16	32.15	37.9 2.16e4
Z-Avg (d.nm):	82.20	Peak 2:	9.5	512.6	496.2	133.4	26.0 1.46e6
Pdl:	0.439	Peak 3:	9.0	0.5573	0.5570	0.04088	7.3 0.169
Pd (d.nm):	54.49	Mass Distribution Results (M)					
%Polydispersity:	66.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.01e4	Peak 1:	100.0	0.5487	0.5318	0.04386	8.0 0.163
Merit (0 to 100):	19.7	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	17.757...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

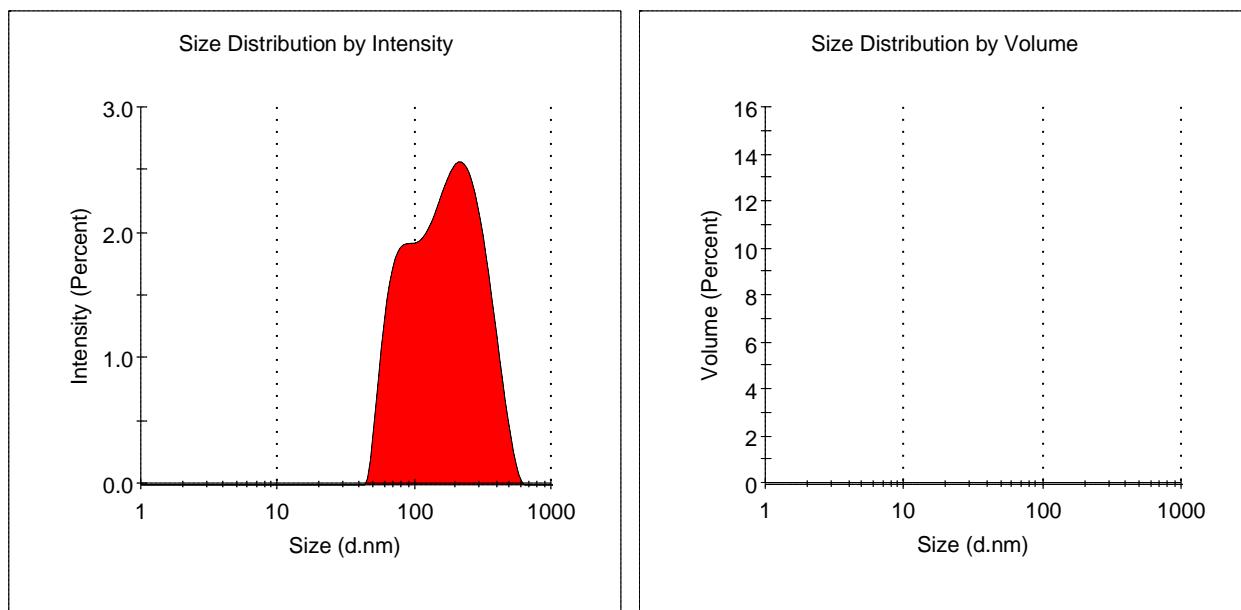
v2.2



Sample Details

Sample Name:	MPPASE 1 (well B3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	20	Solvent η :	1.330
Meas Date & Time:	29 September 2016 14:57:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	70.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	70.1	Peak 1:	92.6	185.7	216.0	105.4	56.8 1.35e5
Z-Avg (d.nm):	122.2	Peak 2:	7.4	0.4786	0.4630	0.05631	11.8 0.119
Pdl:	0.555	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	91.07	Mass Distribution Results (M)					
%Polydispersity:	74.5	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	5.09e4	Peak 1:	100.0	0.4601	0.4421	0.05469	11.9 0.108
Merit (0 to 100):	20.8	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	13.950...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

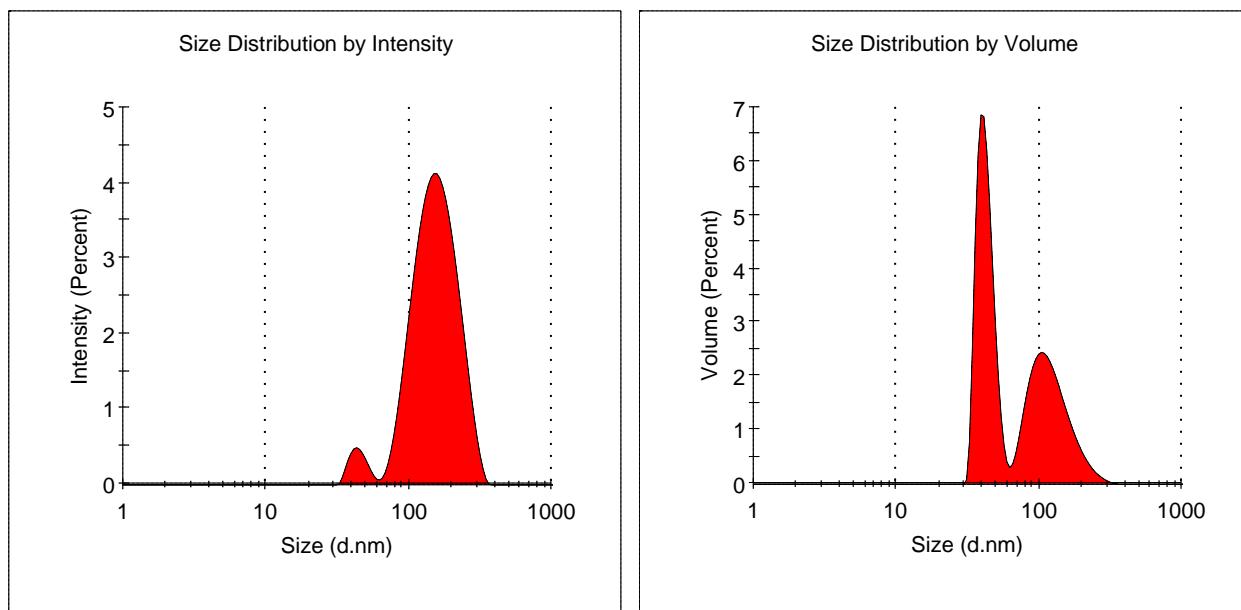
v2.2



Sample Details

Sample Name: MPPASE 2 (well B3) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 21 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 15:00:38 **Solvent Vis (cP):** 0.8872
Measurement quality: Rely on distribution only

Cumulant Results		Intensity Distribution Results (I)					
		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
CR (kcps):	87.5						
Derived CR (kcp...:	87.5	Peak 1:	80.4	160.3	149.2	52.66	32.9 9.59e4
Z-Avg (d.nm):	147.1	Peak 2:	15.7	3495	3455	1111	31.8 1.30e8
Pdl:	0.481	Peak 3:	4.0	44.50	42.87	6.318	14.2 4780
Pd (d.nm):	102.0	Mass Distribution Results (M)					
%Polydispersity:	69.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	7.84e4	Peak 1:	41.7	122.0	103.1	41.67	34.1 5.07e4
Merit (0 to 100):	30.5	Peak 2:	7.4	3672	3790	1099	29.9 1.46e8
Est %Vol Fraction*	.00002	Peak 3:	50.8	42.15	39.08	5.777	13.7 4210



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Protein Particle Size Distribution Report

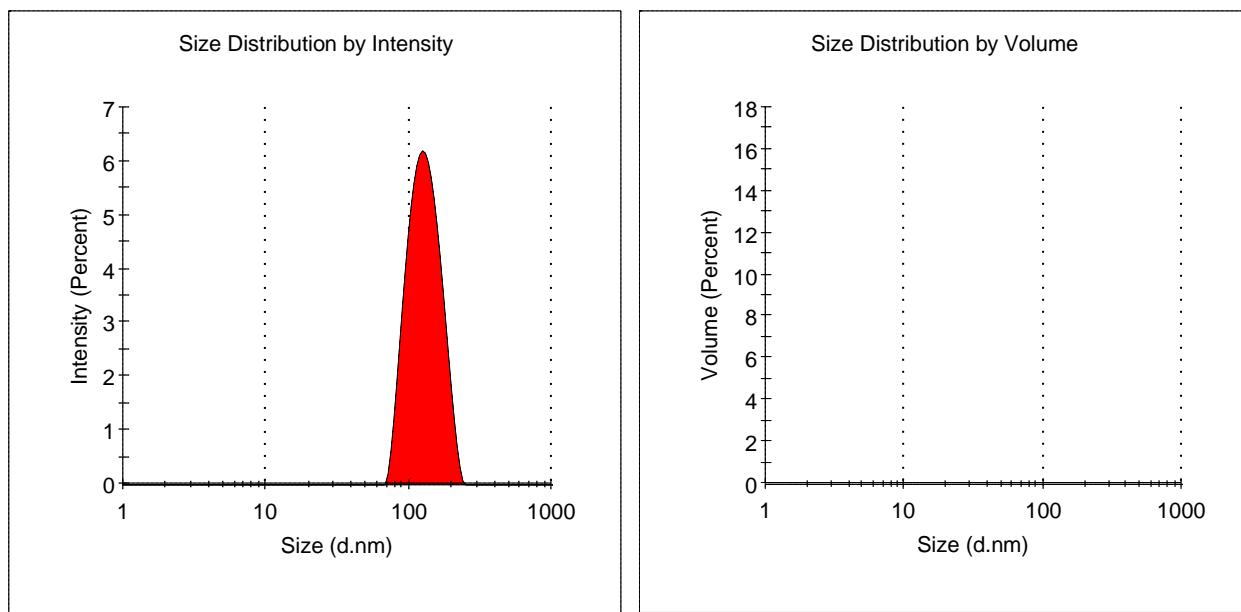
v2.2



Sample Details

Sample Name:	MPPASE 3 (well B3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	22	Solvent η :	1.330
Meas Date & Time:	29 September 2016 15:04:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	76.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	76.8	Peak 1:	92.8	130.4	124.1	32.30	24.8 5.92e4
Z-Avg (d.nm):	131.6	Peak 2:	7.2	0.6109	0.6109	0.05450	8.9 0.210
Pdl:	0.409	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	84.14	Mass Distribution Results (M)					
%Polydispersity:	63.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	6.05e4	Peak 1:	100.0	0.5967	0.5833	0.05702	9.6 0.199
Merit (0 to 100):	24.2	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	8.16074	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

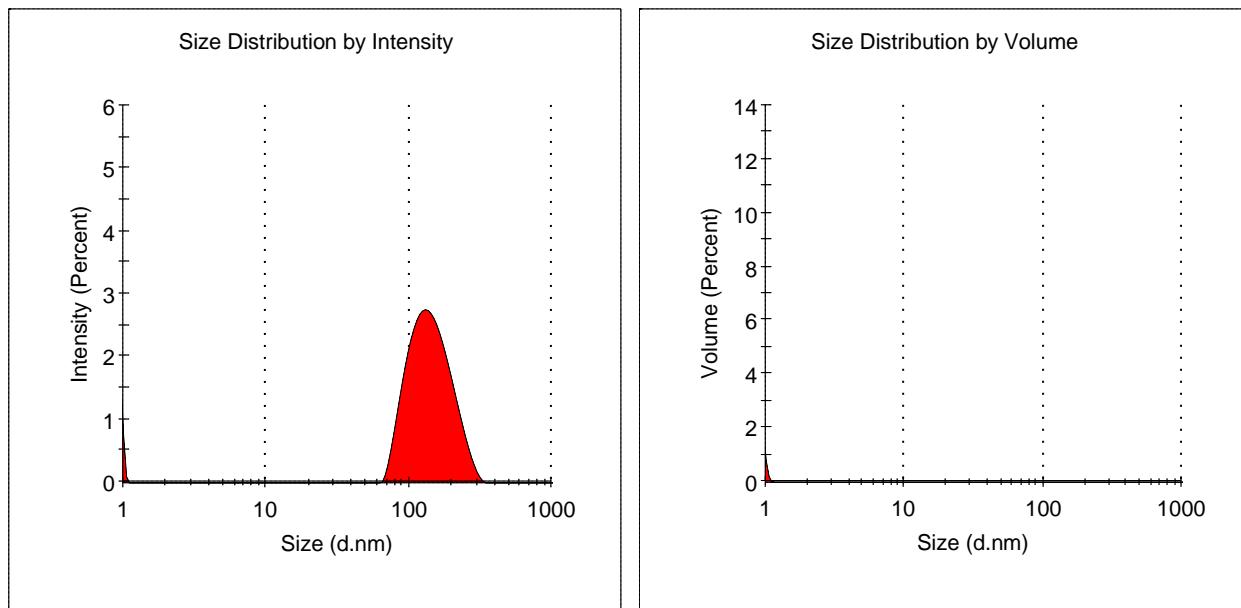
v2.2



Sample Details

Sample Name: MPPASE 1 (well B4) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 23 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 15:11:45 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	42.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	42.8	Peak 1:	52.7	144.8	129.9	47.52	32.8 7.56e4
Z-Avg (d.nm):	72.44	Peak 2:	43.4	0.7734	0.7696	0.1034	13.4 0.364
Pdl:	0.382	Peak 3:	3.9	4939	5744	634.5	12.8 2.92e8
Pd (d.nm):	44.78	Mass Distribution Results (M)					
%Polydispersity:	61.8	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.50e4	Peak 1:	100.0	0.7338	0.7017	0.1002	13.7 0.322
Merit (0 to 100):	2.51	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	29.650...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

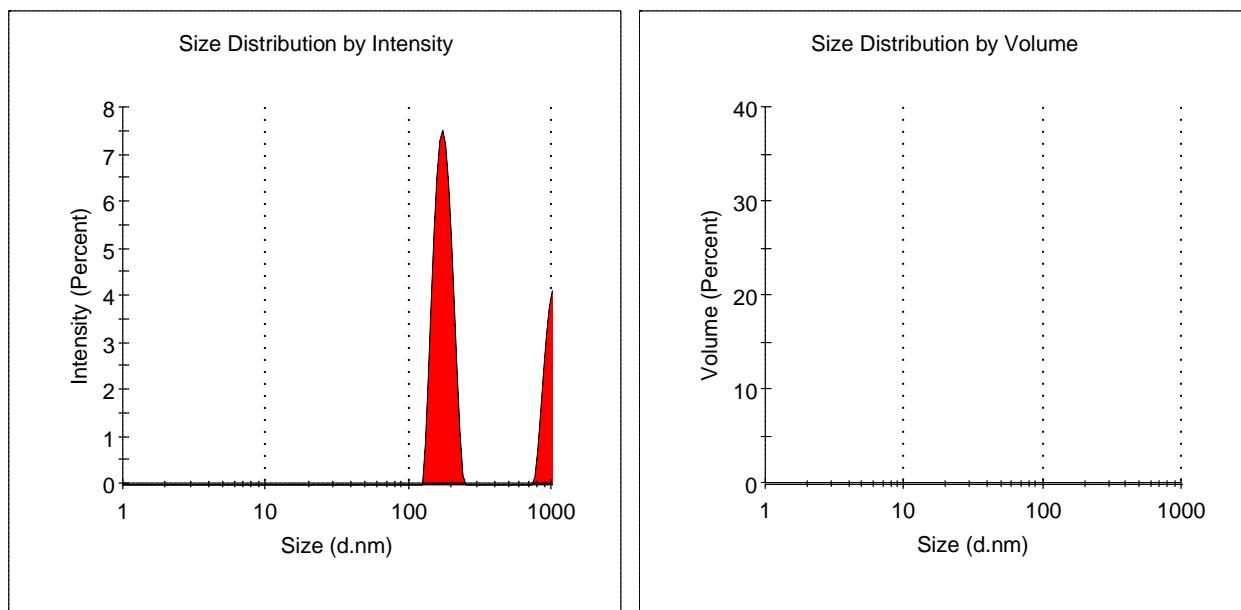
v2.2



Sample Details

Sample Name:	MPPASE 1 (well C1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	25	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 15:23:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results	Intensity Distribution Results (I)					
CR (kcps): 139.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp... 139.0	Peak 1: 60.1	173.2	171.4	22.78	13.2	1.15e5
Z-Avg (d.nm): 529.2	Peak 2: 33.3	1034	1039	135.7	13.1	7.52e6
Pdl: 1.000	Peak 3: 6.6	0.5970	0.5833	0.02513	4.2	0.199
Pd (d.nm): 529.2	Mass Distribution Results (M)					
%Polydispersity: 100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa): 1.57e6	Peak 1: 100.0	0.5942	0.5833	0.03163	5.3	0.197
Merit (0 to 100): 40.2	Peak 2: 0.0	0.000	0.000	0.000	0	0.00
Est %Vol Fraction* 5.73386	Peak 3: 0.0	0.000	0.000	0.000	0	0.00



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Protein Particle Size Distribution Report

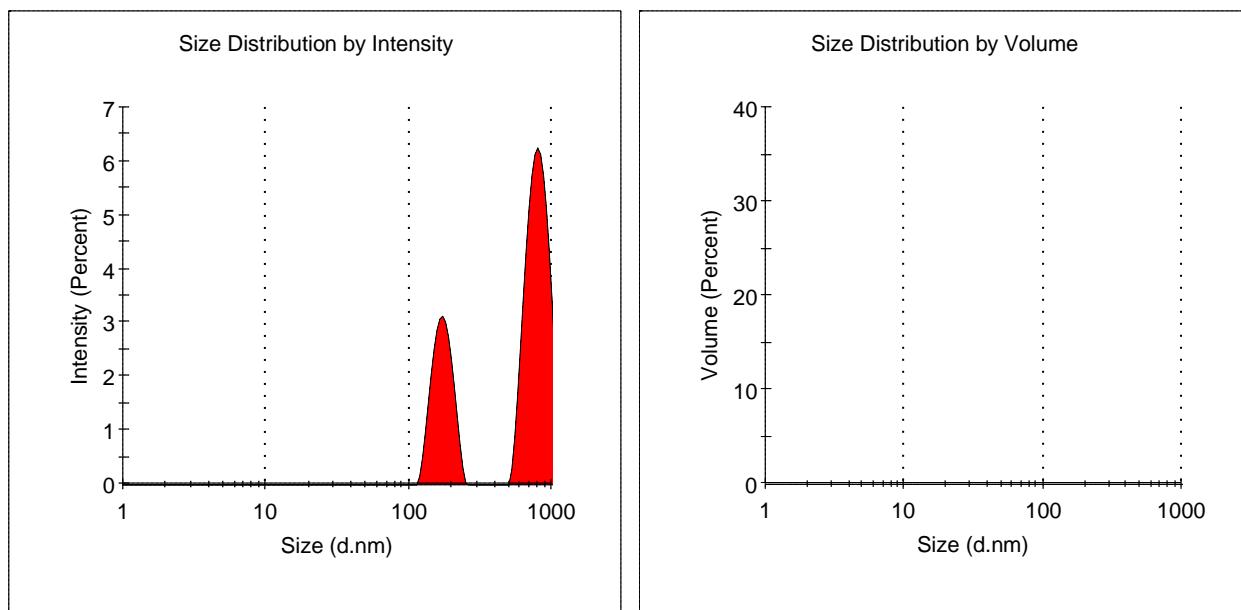
v2.2



Sample Details

Sample Name:	MPPASE 2 (well C1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	26	Solvent η :	1.330
Meas Date & Time:	29 September 2016 15:26:59	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	173.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	173.9	Peak 1:	65.7	796.0	787.6	137.7	17.3 4.08e6
Z-Avg (d.nm):	664.1	Peak 2:	29.1	171.7	171.4	26.22	15.3 1.13e5
Pdl:	1.000	Peak 3:	5.2	0.6675	0.6700	0.03074	4.6 0.258
Pd (d.nm):	664.1	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.67e6	Peak 1:	100.0	0.6636	0.6700	0.03747	5.6 0.255
Merit (0 to 100):	40.4	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	3.75113	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

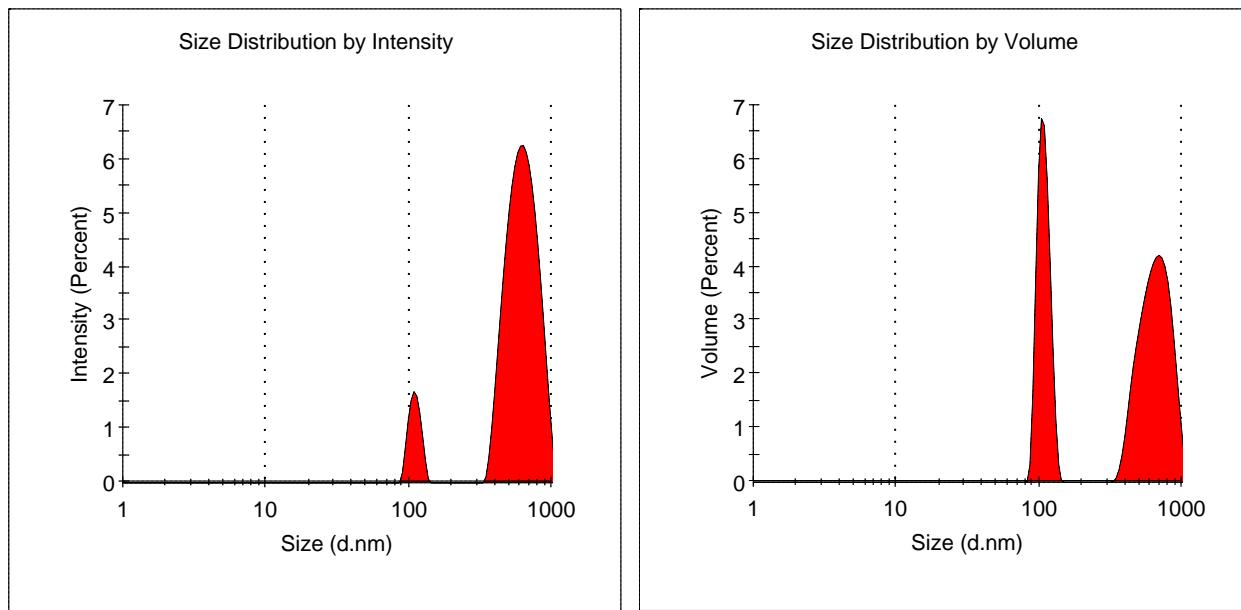
v2.2



Sample Details

Sample Name:	MPPASE 3 (well C1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	27	Solvent η :	1.330
Meas Date & Time:	29 September 2016 15:30:50	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	194.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	194.7	Peak 1:	90.5	625.1	625.2	146.0	23.4 2.32e6
Z-Avg (d.nm):	790.8	Peak 2:	9.5	109.7	108.0	10.11	9.2 3.95e4
Pdl:	0.949	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	770.3	Mass Distribution Results (M)					
%Polydispersity:	97.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	4.02e6	Peak 1:	61.4	652.7	685.7	152.1	23.3 2.56e6
Merit (0 to 100):	38.9	Peak 2:	38.6	107.2	103.1	10.42	9.7 3.74e4
Est %Vol Fraction*	.00004	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



*The molecular weight reported here is only an estimate, calculated using an empirical mass vs. size calibration curve.

*The estimated concentration is calculated from the size distribution measured by DLS and extrapolated from the total intensity compared to a standard sample of known size, concentration, and refractive index. If the current sample is non-spherical or the refractive index is incorrect the value of the predicted concentration may be in error.

Protein Particle Size Distribution Report

v2.2

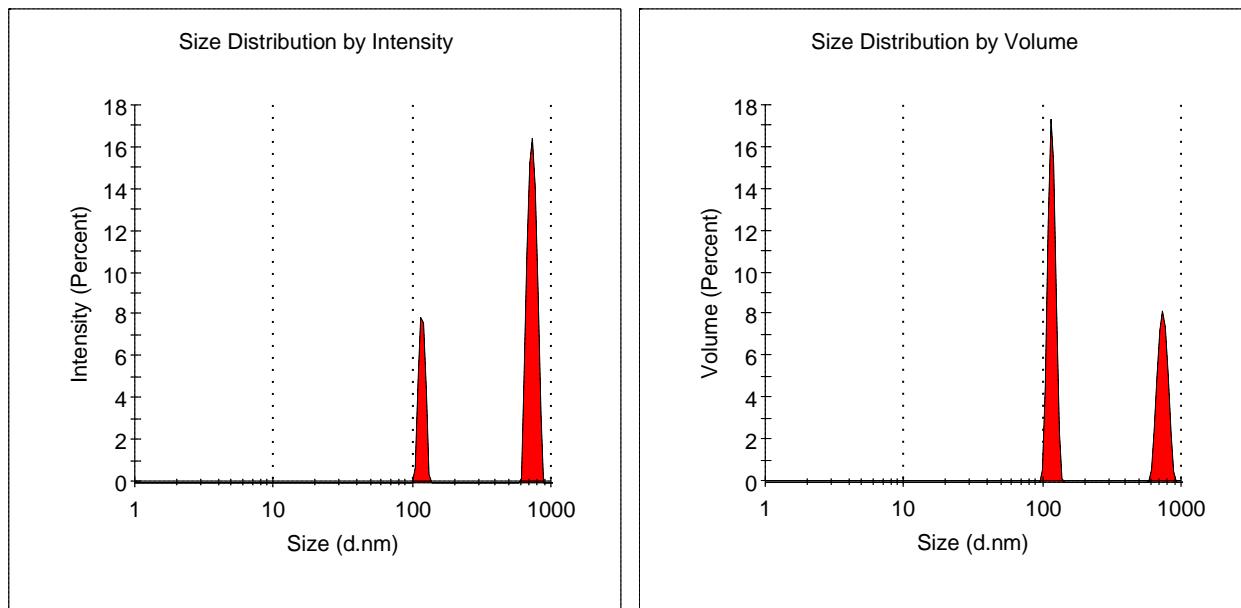


Sample Details

Sample Name: MPPASE 1 (well C2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 28 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 15:36:10 **Solvent Vis (cP):** 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	265.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	265.2	Peak 1:	74.2	715.3	718.1	52.24	7.3 3.17e6
Z-Avg (d.nm):	728.5	Peak 2:	25.8	115.5	113.1	5.897	5.1 4.46e4
Pdl:	1.000	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	728.5	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.31e6	Peak 1:	38.9	720.0	718.1	57.56	8.0 3.22e6
Merit (0 to 100):	46.1	Peak 2:	61.1	114.8	113.1	6.959	6.1 4.39e4
Est %Vol Fraction*	.00003	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

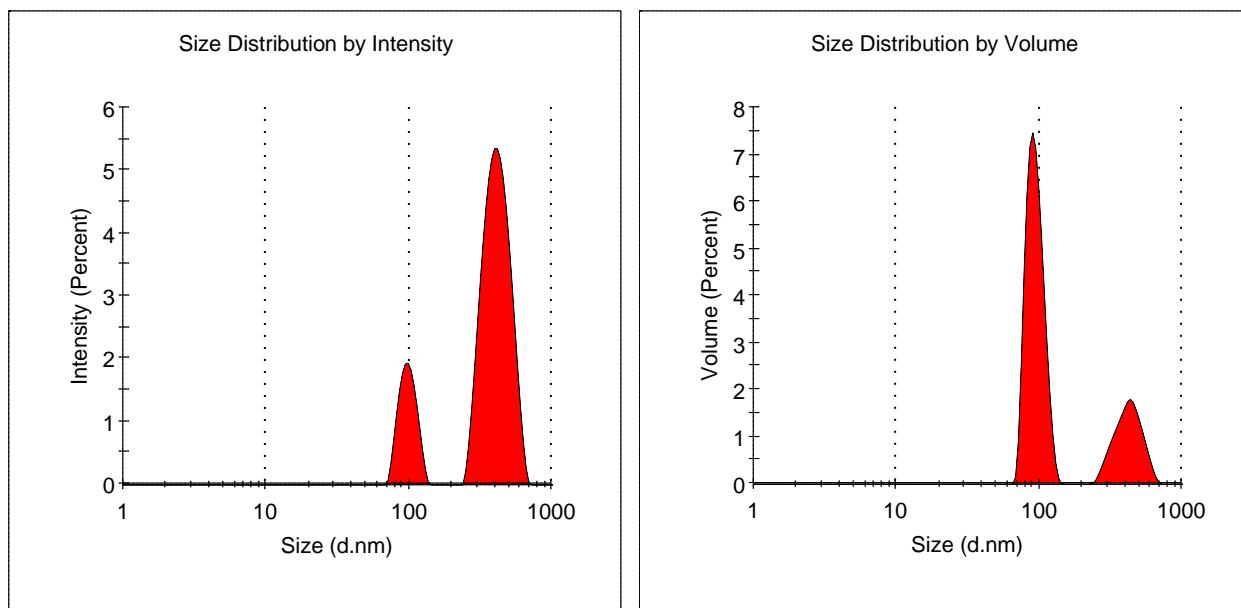
v2.2



Sample Details

Sample Name: MPPASE 2 (well C2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 29 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 15:38:58 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	180.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	180.5	Peak 1:	66.6	412.4	412.5	84.78	20.6 8.75e5
Z-Avg (d.nm):	467.8	Peak 2:	17.6	2519	2500	460.9	18.3 6.04e7
Pdl:	0.814	Peak 3:	15.8	98.29	98.47	13.18	13.4 3.05e4
Pd (d.nm):	422.2	Mass Distribution Results (M)					
%Polydispersity:	90.2	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.18e6	Peak 1:	21.3	422.7	432.0	87.78	20.8 9.27e5
Merit (0 to 100):	45.4	Peak 2:	20.7	2572	2500	477.9	18.6 6.34e7
Est %Vol Fraction*	.00001	Peak 3:	58.0	93.55	89.78	12.75	13.6 2.72e4



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Protein Particle Size Distribution Report

v2.2



Sample Details

Sample Name: MPPASE 3 (well C2)
File Name: Malaria.dts
Record Number: 30
Meas Date & Time: 29 September 2016 15:41:47

Temperature (°C): 25.0

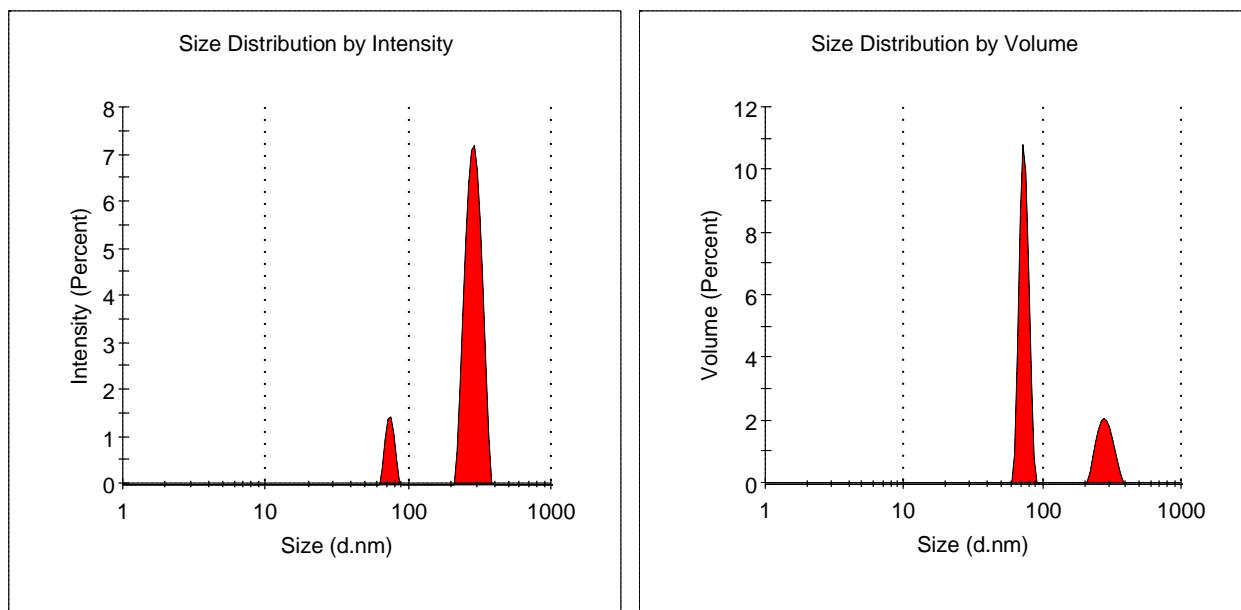
Solvent: Water

Solvent n̄: 1.330

Solvent Vis (cP): 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	225.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	225.4	Peak 1:	52.2	282.2	285.0	33.38	11.8 3.60e5
Z-Avg (d.nm):	519.0	Peak 2:	41.9	1731	1728	215.7	12.5 2.51e7
Pdl:	0.857	Peak 3:	5.8	73.53	74.63	4.730	6.4 1.55e4
Pd (d.nm):	480.4	Mass Distribution Results (M)					
%Polydispersity:	92.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.50e6	Peak 1:	15.9	278.2	272.1	35.01	12.6 3.48e5
Merit (0 to 100):	46.9	Peak 2:	38.6	1751	1728	224.9	12.8 2.58e7
Est %Vol Fraction*	.00004	Peak 3:	45.5	72.69	71.26	5.231	7.2 1.51e4



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Protein Particle Size Distribution Report

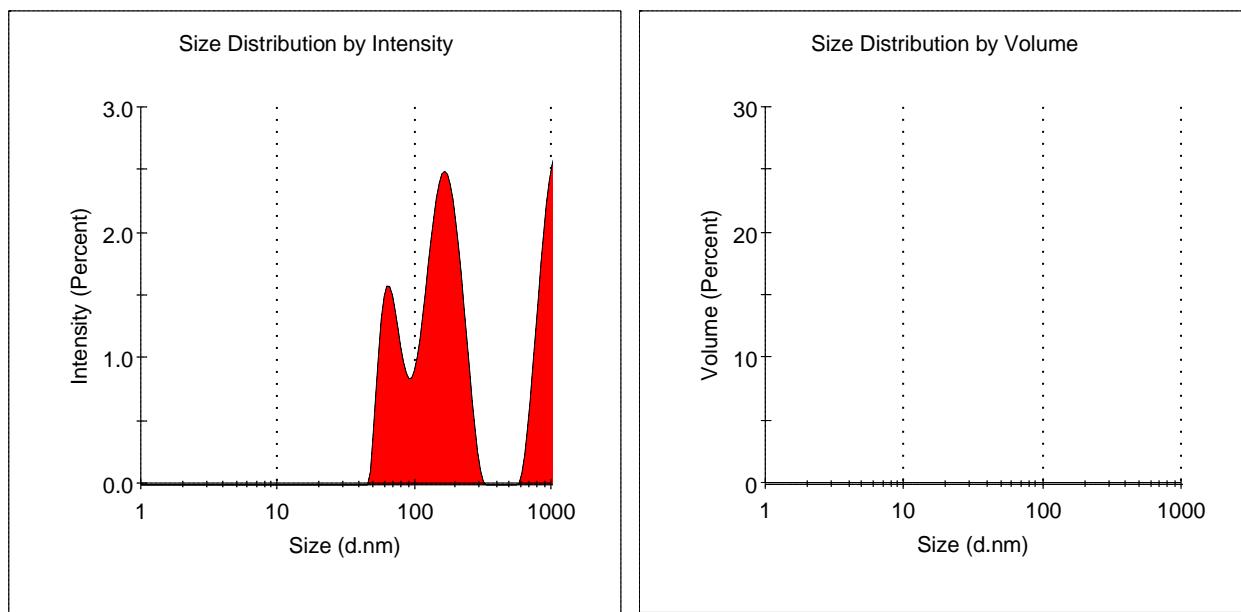
v2.2



Sample Details

Sample Name:	MPPASE 1 (well C3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	31	Solvent η :	1.330
Meas Date & Time:	29 September 2016 15:48:42	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	87.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	87.3	Peak 1:	40.5	164.4	163.7	45.13	27.5 1.02e5
Z-Avg (d.nm):	275.6	Peak 2:	37.0	1090	1088	253.3	23.3 8.50e6
Pdl:	0.763	Peak 3:	16.1	67.58	62.04	11.09	16.4 1.27e4
Pd (d.nm):	240.7	Mass Distribution Results (M)					
%Polydispersity:	87.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.41e5	Peak 1:	100.0	0.6067	0.6109	0.03940	6.5 0.207
Merit (0 to 100):	30.4	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	5.0883	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

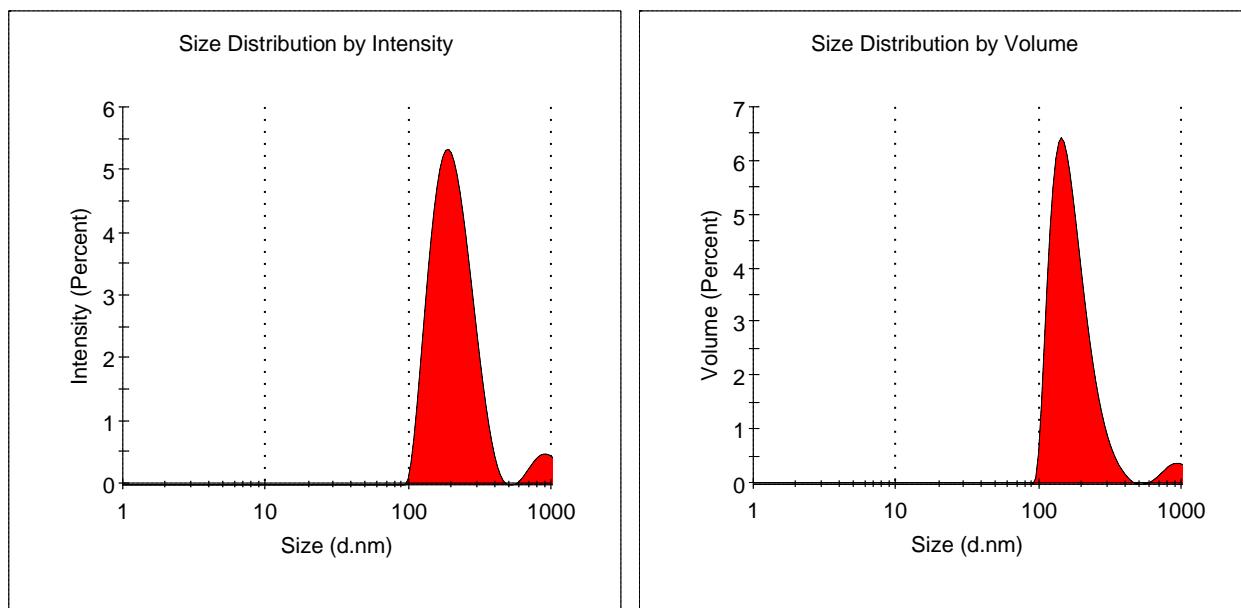
v2.2



Sample Details

Sample Name: MPPASE 2 (well C3) Temperature (°C): 25.0
File Name: Malaria.dts Solvent: Water
Record Number: 32 Solvent n̄: 1.330
Meas Date & Time: 29 September 2016 15:53:03 Solvent Vis (cP): 0.8872
Measurement quality: Good

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	122.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	122.0	Peak 1:	94.3	204.7	188.0	63.20	30.9 1.70e5
Z-Avg (d.nm):	209.9	Peak 2:	5.7	901.0	904.7	171.0	19.0 5.45e6
Pdl:	0.419	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	135.9	Mass Distribution Results (M)					
%Polydispersity:	64.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.80e5	Peak 1:	95.5	170.8	142.5	54.08	31.7 1.11e5
Merit (0 to 100):	35.9	Peak 2:	4.5	927.3	904.7	175.5	18.9 5.83e6
Est %Vol Fraction*	.00003	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

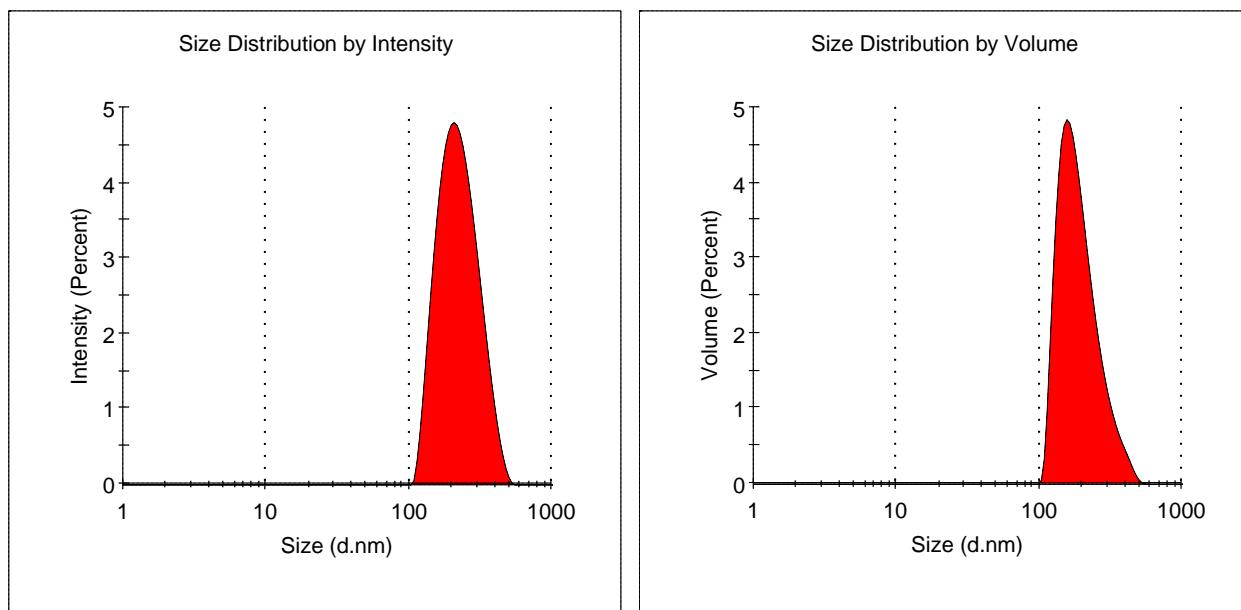
v2.2



Sample Details

Sample Name: MPPASE 3 (well C3) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 33 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 15:57:24 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	147.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	147.9	Peak 1:	87.4	228.5	206.2	72.23	31.6 2.20e5
Z-Avg (d.nm):	225.9	Peak 2:	12.6	3354	3299	1112	33.2 1.18e8
Pdl:	0.317	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	127.2	Mass Distribution Results (M)					
%Polydispersity:	56.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.14e5	Peak 1:	75.0	194.1	156.3	65.89	33.9 1.50e5
Merit (0 to 100):	43.5	Peak 2:	25.0	3545	3790	1107	31.2 1.34e8
Est %Vol Fraction*	.00001	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

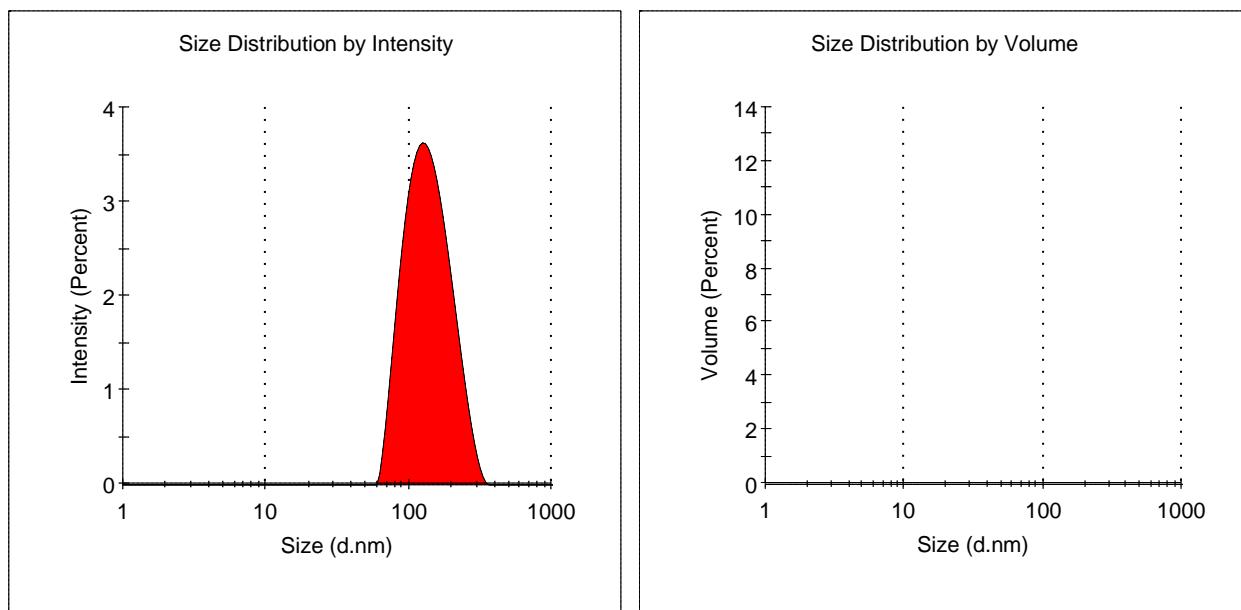
v2.2



Sample Details

Sample Name:	MPPASE 1 (well C4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	34	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 16:05:20	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	51.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	51.2	Peak 1:	75.0	141.6	124.1	50.25	35.5 7.18e4
Z-Avg (d.nm):	91.77	Peak 2:	17.1	0.5187	0.5078	0.07115	13.7 0.143
Pdl:	0.463	Peak 3:	7.9	0.1477	0.1458	0.01710	11.6 0.00758
Pd (d.nm):	62.41	Mass Distribution Results (M)					
%Polydispersity:	68.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.60e4	Peak 1:	95.1	0.1421	0.1393	0.01681	11.8 0.00692
Merit (0 to 100):	7.35	Peak 2:	4.9	0.4905	0.4630	0.06937	14.1 0.126
Est %Vol Fraction*	752.62...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

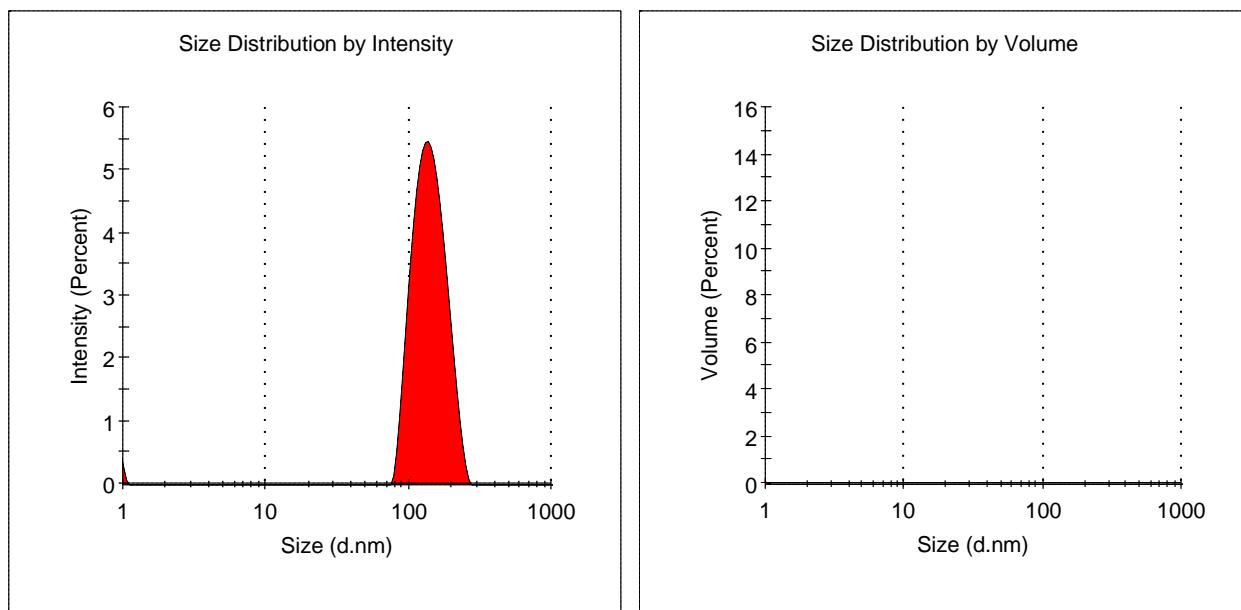
v2.2



Sample Details

Sample Name:	MPPASE 2 (well C4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	35	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:10:44	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	58.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	58.0	Peak 1:	81.0	142.0	136.1	35.31	24.9 7.22e4
Z-Avg (d.nm):	126.4	Peak 2:	10.7	0.3290	0.3199	0.03971	12.1 0.0493
Pdl:	0.479	Peak 3:	5.7	0.8474	0.8442	0.09100	10.7 0.451
Pd (d.nm):	87.53	Mass Distribution Results (M)					
%Polydispersity:	69.2	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	5.50e4	Peak 1:	97.0	0.3156	0.3055	0.03854	12.2 0.0448
Merit (0 to 100):	11.8	Peak 2:	3.0	0.8188	0.8060	0.09245	11.3 0.417
Est %Vol Fraction*	75.189...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

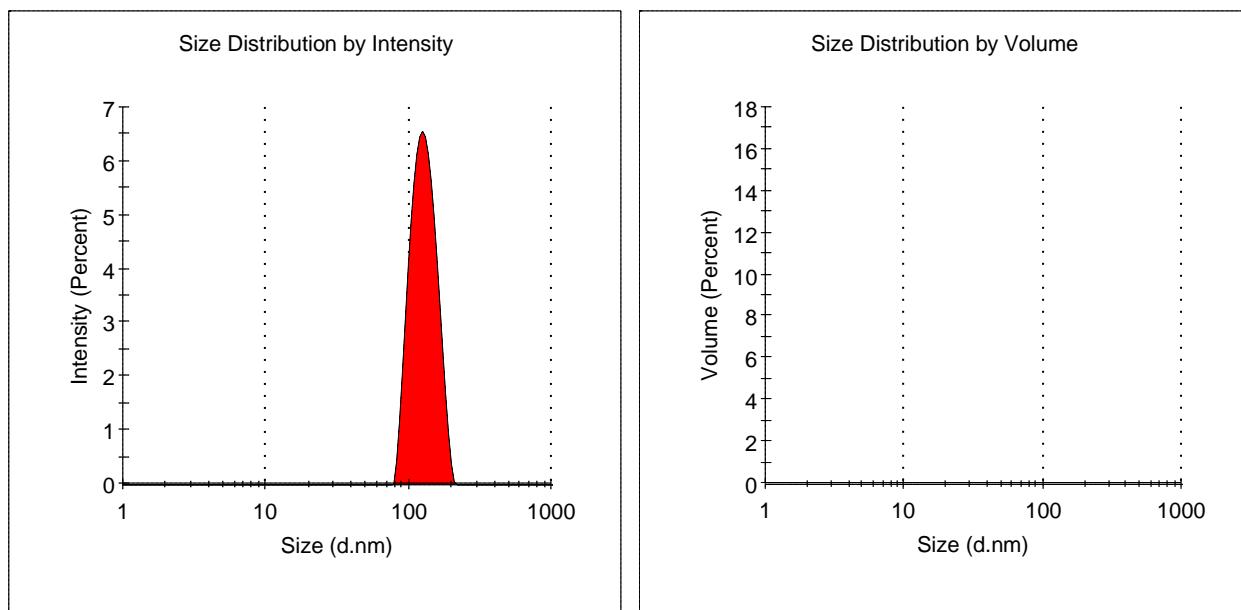
v2.2



Sample Details

Sample Name:	MPPASE 3 (well C4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	36	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:16:09	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	58.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	58.7	Peak 1:	76.6	127.8	124.1	24.68	19.3 5.65e4
Z-Avg (d.nm):	158.7	Peak 2:	12.2	0.7499	0.7349	0.07265	9.7 0.339
Pdl:	0.482	Peak 3:	6.2	0.1456	0.1458	0.01326	9.1 0.00733
Pd (d.nm):	110.2	Mass Distribution Results (M)					
%Polydispersity:	69.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	9.37e4	Peak 1:	98.6	0.1422	0.1393	0.01365	9.6 0.00693
Merit (0 to 100):	13.5	Peak 2:	1.4	0.7296	0.7017	0.07430	10.2 0.318
Est %Vol Fraction*	383.23...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

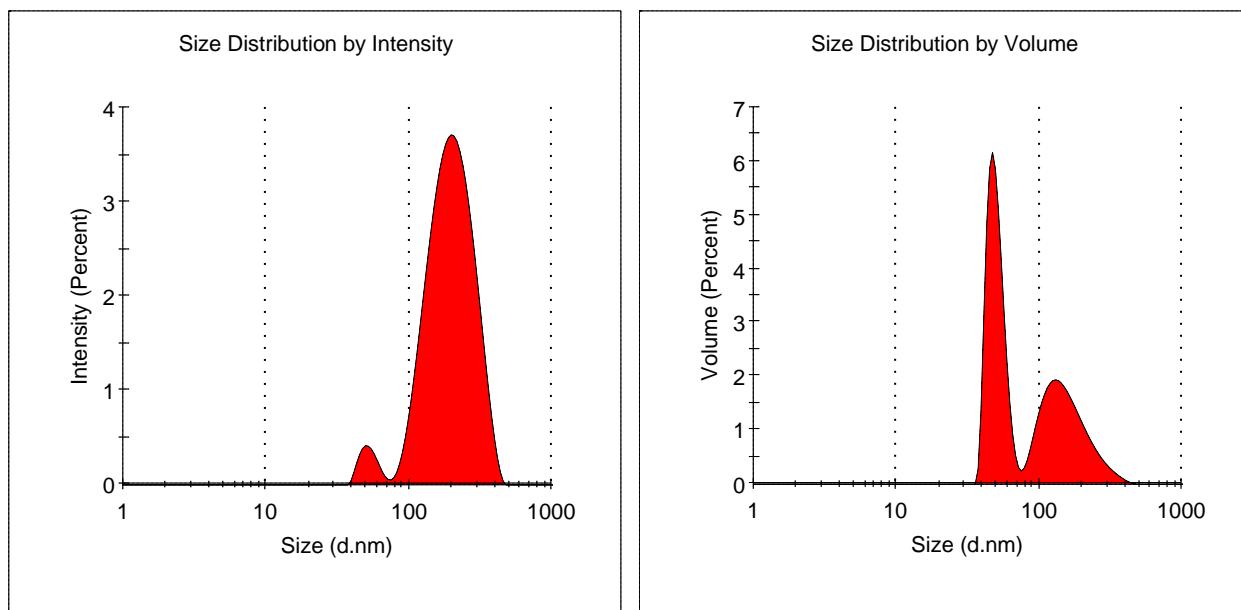
v2.2



Sample Details

Sample Name:	MPPASE 1 (well D1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	37	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 16:21:19	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	118.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	118.7	Peak 1:	75.3	205.4	196.9	69.72	33.9 1.71e5
Z-Avg (d.nm):	208.0	Peak 2:	21.2	3598	3618	1044	29.0 1.39e8
Pdl:	0.414	Peak 3:	3.4	52.62	49.24	7.707	14.6 7080
Pd (d.nm):	133.9	Mass Distribution Results (M)					
%Polydispersity:	64.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.76e5	Peak 1:	36.9	158.1	129.9	60.56	38.3 9.28e4
Merit (0 to 100):	34.1	Peak 2:	17.4	3745	3790	1034	27.6 1.53e8
Est %Vol Fraction*:		Peak 3:	45.7	49.72	47.02	6.963	14.0 6200



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Protein Particle Size Distribution Report

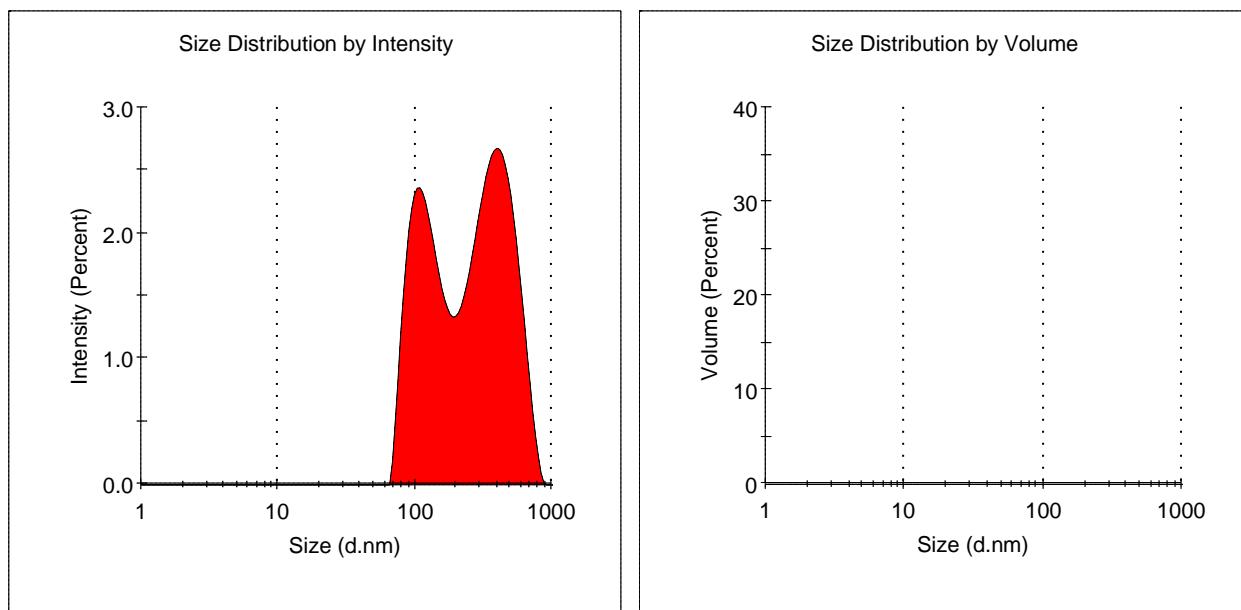
v2.2



Sample Details

Sample Name:	MPPASE 2 (well D1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	38	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:23:57	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	132.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	132.1	Peak 1:	57.1	391.0	393.8	136.8	35.0 7.73e5
Z-Avg (d.nm):	201.3	Peak 2:	37.9	120.5	108.0	31.36	26.0 4.92e4
Pdl:	0.553	Peak 3:	5.0	0.6518	0.6398	0.02863	4.4 0.244
Pd (d.nm):	149.6	Mass Distribution Results (M)					
%Polydispersity:	74.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.63e5	Peak 1:	100.0	0.6485	0.6398	0.03532	5.4 0.241
Merit (0 to 100):	30.1	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	5.73096	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

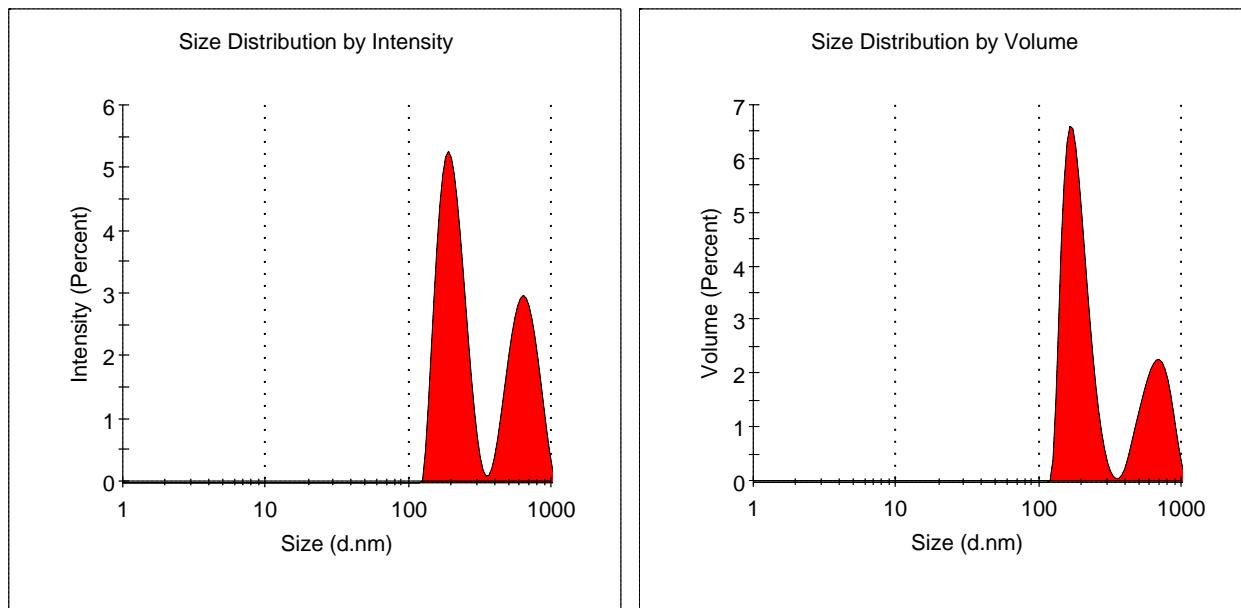
v2.2



Sample Details

Sample Name: MPPASE 3 (well D1) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 39 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 16:26:35 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	320.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	320.0	Peak 1:	61.5	199.0	188.0	40.31	20.3 1.59e5
Z-Avg (d.nm):	326.2	Peak 2:	38.5	632.1	625.2	136.2	21.5 2.38e6
Pdl:	0.416	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	210.5	Mass Distribution Results (M)					
%Polydispersity:	64.5	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	5.06e5	Peak 1:	70.1	183.3	163.7	36.89	20.1 1.31e5
Merit (0 to 100):	55.5	Peak 2:	29.9	656.3	685.7	141.6	21.6 2.60e6
Est %Vol Fraction*	.00006	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

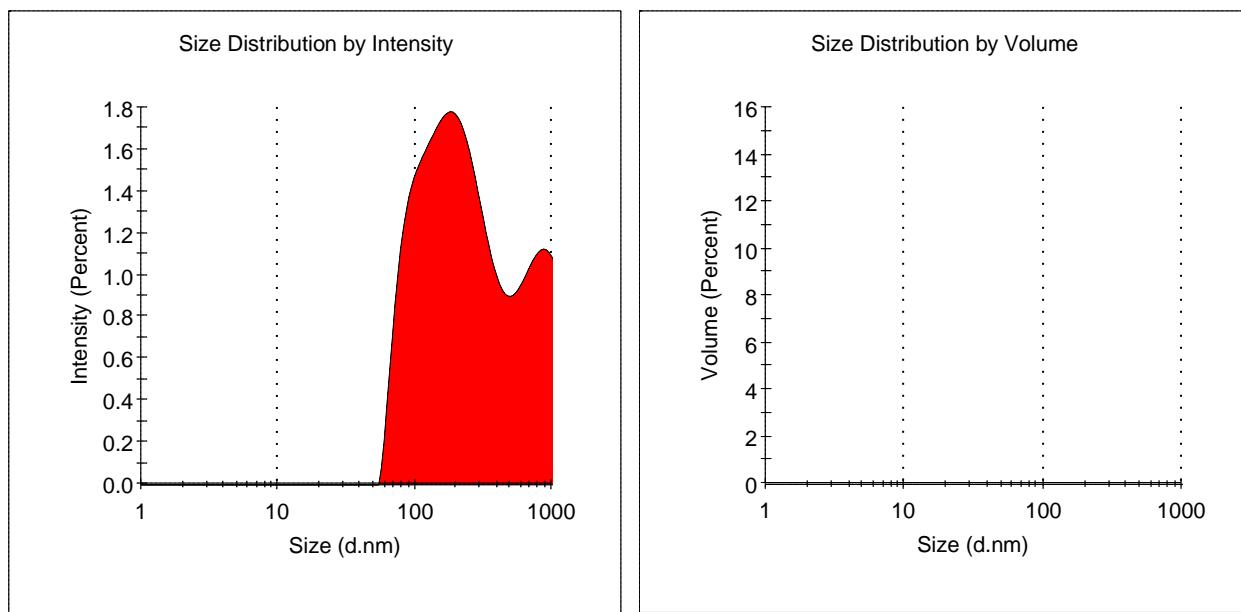
v2.2



Sample Details

Sample Name:	MPPASE 1 (well D2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	40	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:32:26	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	80.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	80.7	Peak 1:	61.7	201.9	179.5	109.9	54.4 1.65e5
Z-Avg (d.nm):	224.5	Peak 2:	25.1	934.0	863.9	335.6	35.9 5.93e6
Pdl:	0.689	Peak 3:	9.5	0.4351	0.4221	0.04820	11.1 0.0949
Pd (d.nm):	186.3	Mass Distribution Results (M)					
%Polydispersity:	83.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.11e5	Peak 1:	100.0	0.4201	0.4030	0.04751	11.3 0.0874
Merit (0 to 100):	14.3	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	28.955...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

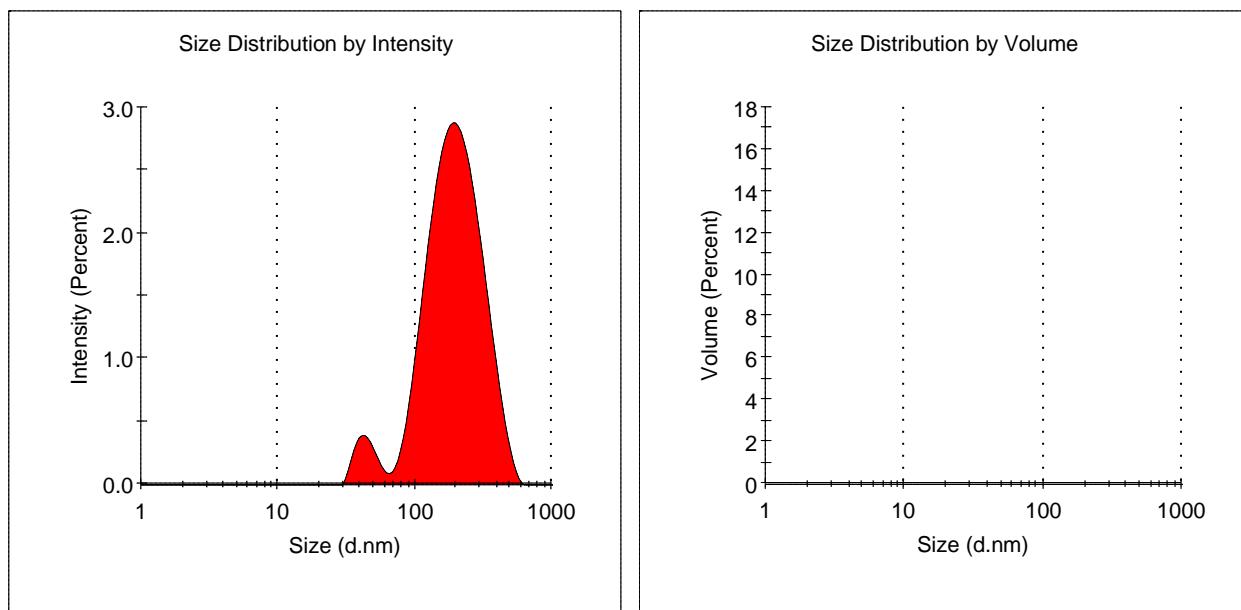
v2.2



Sample Details

Sample Name:	MPPASE 2 (well D2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	41	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:35:46	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	70.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	70.2	Peak 1:	70.9	212.6	188.0	90.36	42.5 1.86e5
Z-Avg (d.nm):	152.8	Peak 2:	15.1	0.5603	0.5570	0.05684	10.1 0.171
Pdl:	0.718	Peak 3:	10.0	4345	5744	949.7	21.9 2.16e8
Pd (d.nm):	129.5	Mass Distribution Results (M)					
%Polydispersity:	84.8	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	8.58e4	Peak 1:	100.0	0.5436	0.5318	0.05788	10.6 0.160
Merit (0 to 100):	9.02	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	27.9761	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

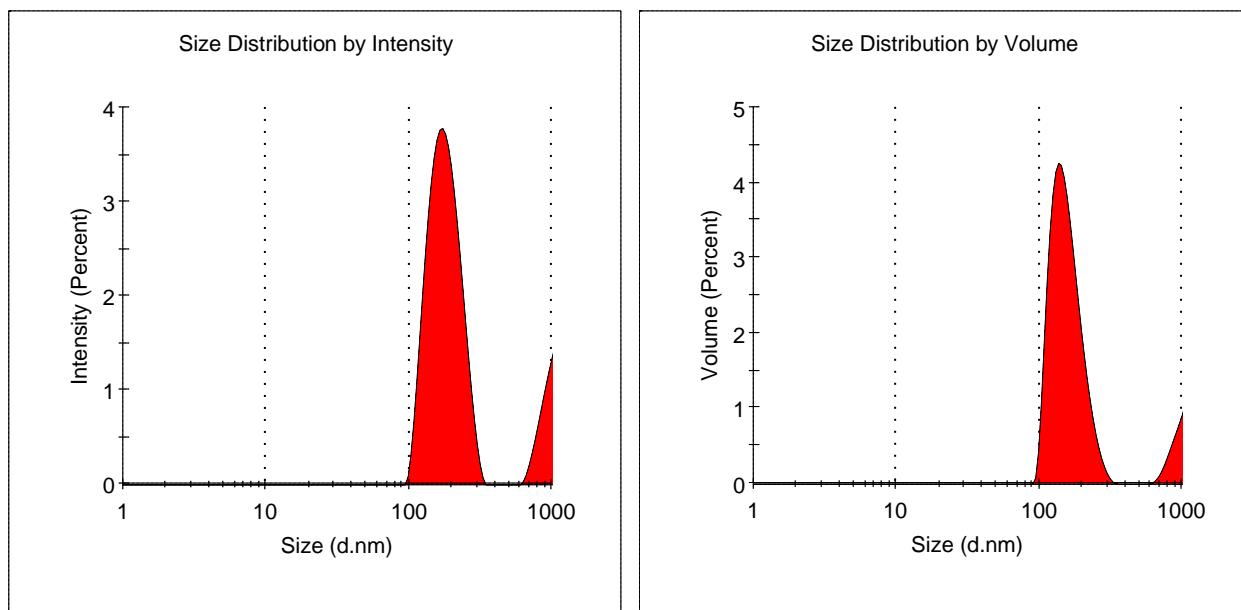
v2.2



Sample Details

Sample Name:	MPPASE 3 (well D2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	42	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:39:06	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	111.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	111.2	Peak 1:	55.3	179.3	171.4	44.28	24.7 1.25e5
Z-Avg (d.nm):	259.0	Peak 2:	43.6	1718	1371	792.2	46.1 2.47e7
Pdl:	0.729	Peak 3:	1.1	5279	5744	345.2	6.5 3.41e8
Pd (d.nm):	221.1	Mass Distribution Results (M)					
%Polydispersity:	85.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.95e5	Peak 1:	54.6	156.4	136.1	38.69	24.7 9.05e4
Merit (0 to 100):	26.9	Peak 2:	43.0	1925	1650	851.3	44.2 3.22e7
Est %Vol Fraction*	.00002	Peak 3:	2.4	5177	5484	427.2	8.3 3.26e8



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Protein Particle Size Distribution Report

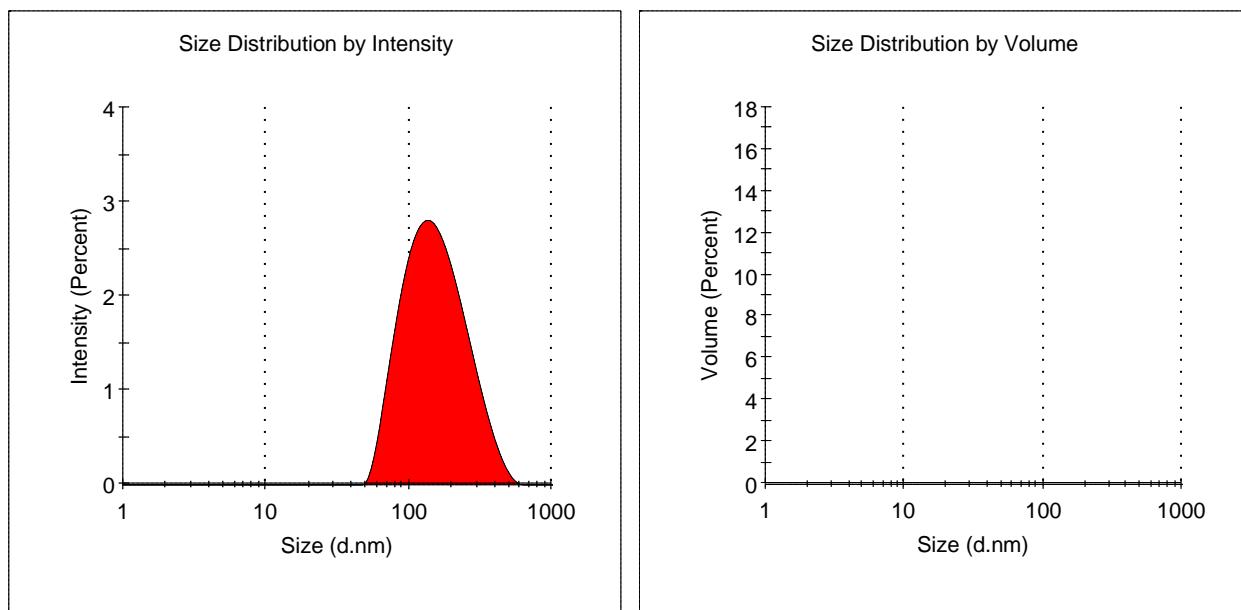
v2.2



Sample Details

Sample Name:	MPPASE 1 (well D3)	Temperature (°C):	24.9
File Name:	Malaria.dts	Solvent:	Water
Record Number:	43	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 16:45:19	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	62.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	62.5	Peak 1:	78.8	166.7	136.1	83.74	50.2 1.05e5
Z-Avg (d.nm):	60.14	Peak 2:	19.7	0.4494	0.4421	0.04603	10.2 0.102
Pdl:	1.000	Peak 3:	1.5	4807	5744	710.5	14.8 2.74e8
Pd (d.nm):	60.14	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	9680	Peak 1:	100.0	0.4359	0.4221	0.04651	10.7 0.0953
Merit (0 to 100):	5.30	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	84.831...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

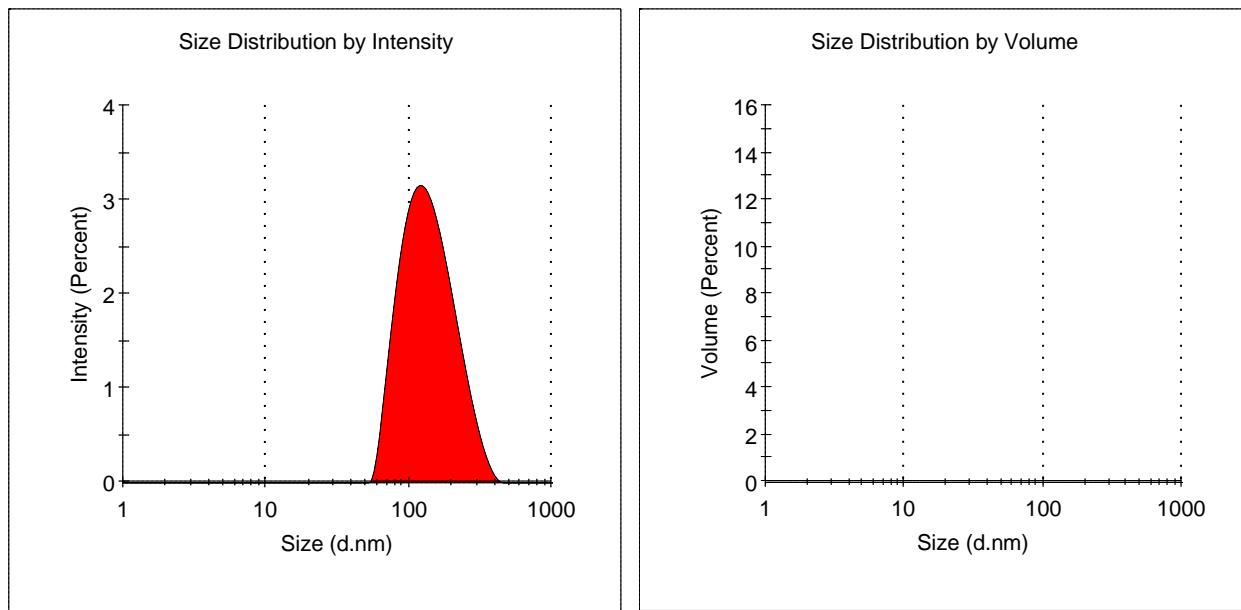
v2.2



Sample Details

Sample Name:	MPPASE 2 (well D3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	44	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:48:59	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	60.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	60.6	Peak 1:	74.7	145.0	118.5	61.42	42.4 7.58e4
Z-Avg (d.nm):	40.80	Peak 2:	23.2	0.6666	0.6700	0.07326	11.0 0.257
Pdl:	1.000	Peak 3:	2.1	4721	5744	758.8	16.1 2.63e8
Pd (d.nm):	40.80	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3900	Peak 1:	100.0	0.6435	0.6109	0.07310	11.4 0.237
Merit (0 to 100):	4.44	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	35.532...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

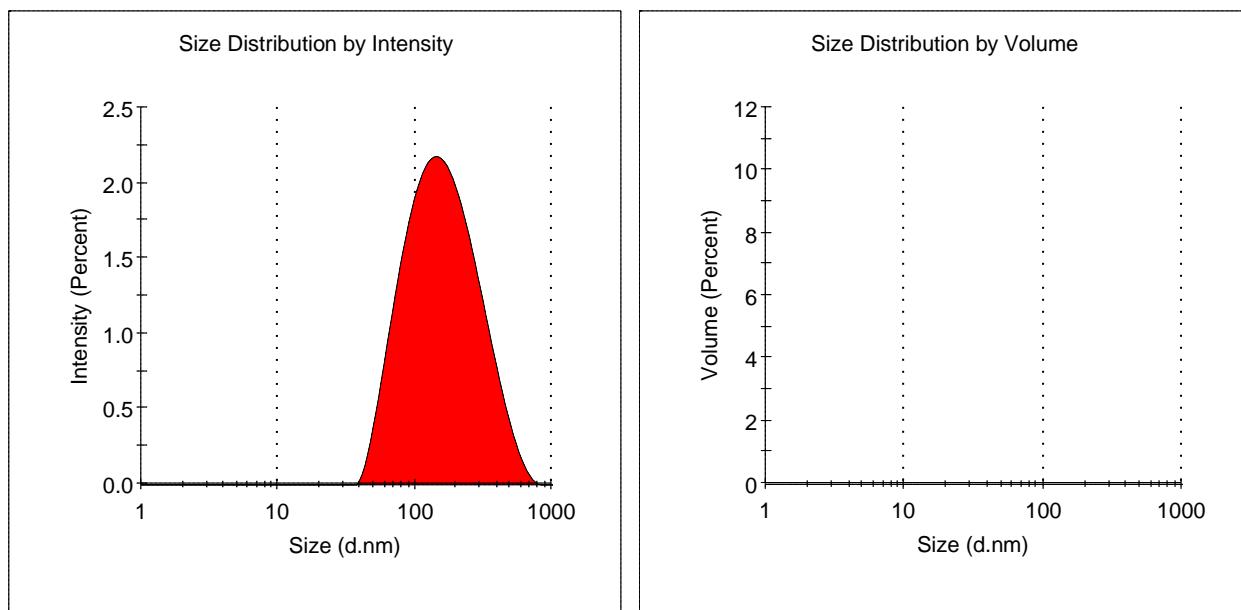
v2.2



Sample Details

Sample Name:	MPPASE 3 (well D3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	45	Solvent η :	1.330
Meas Date & Time:	29 September 2016 16:52:39	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results	Intensity Distribution Results (I)					
CR (kcps): 60.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp... 60.4	Peak 1: 75.4	181.3	142.5	111.2	61.4	1.28e5
Z-Avg (d.nm): 66.05	Peak 2: 22.7	0.4055	0.4030	0.06254	15.4	0.0805
Pdl: 0.946	Peak 3: 1.9	4703	5744	770.5	16.4	2.60e8
Pd (d.nm): 64.24	Mass Distribution Results (M)					
%Polydispersity: 97.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa): 1.20e4	Peak 1: 100.0	0.3789	0.3509	0.05798	15.3	0.0687
Merit (0 to 100): 4.53	Peak 2: 0.0	0.000	0.000	0.000	0	0.00
Est %Vol Fraction* 127.79...	Peak 3: 0.0	0.000	0.000	0.000	0	0.00



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Protein Particle Size Distribution Report

v2.2

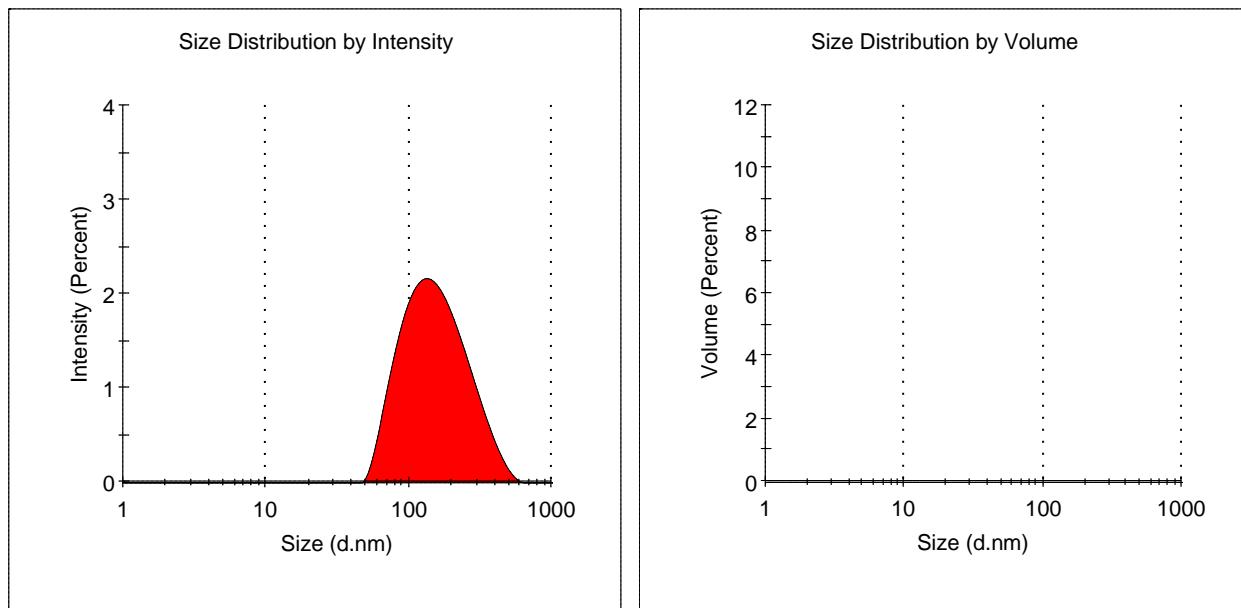


Sample Details

Sample Name: MPPASE 1 (well D4) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 46 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 16:58:41 **Solvent Vis (cP):** 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	53.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	53.9	Peak 1:	63.6	168.2	136.1	88.06	52.4 1.07e5
Z-Avg (d.nm):	9.370	Peak 2:	36.4	0.5106	0.4849	0.09127	17.9 0.138
Pdl:	0.926	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	9.015	Mass Distribution Results (M)					
%Polydispersity:	96.2	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	125	Peak 1:	100.0	0.4667	0.4421	0.08143	17.4 0.112
Merit (0 to 100):	2.21	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	149.11...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

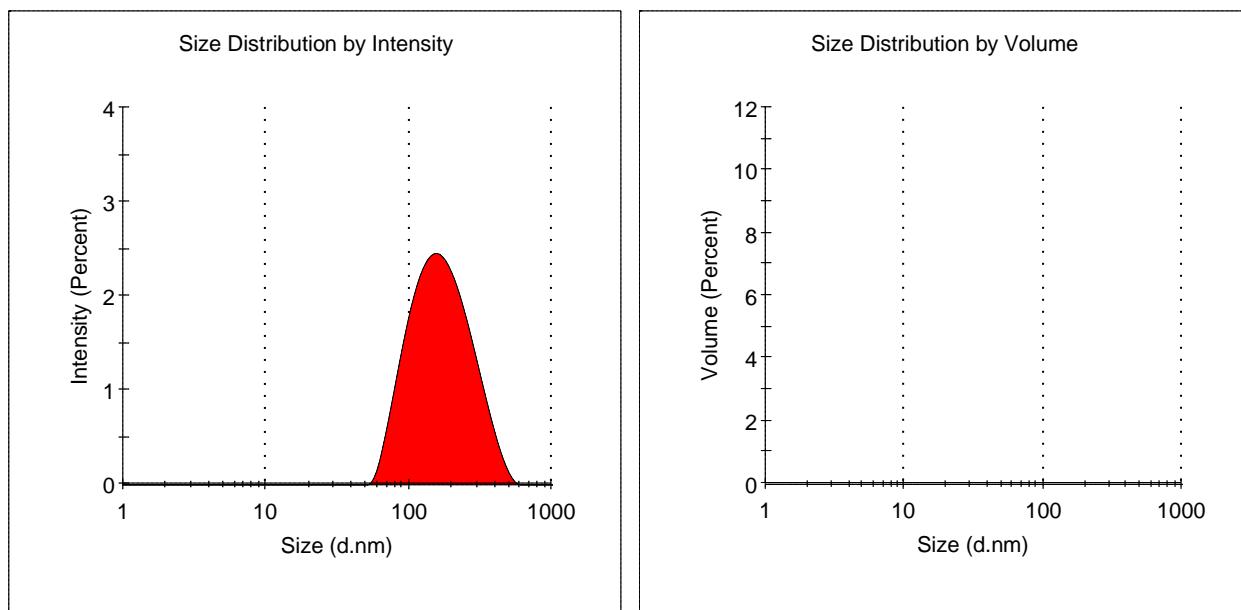
v2.2



Sample Details

Sample Name: MPPASE 2 (well D4) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 47 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 17:02:10 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	54.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	54.9	Peak 1:	68.0	181.5	156.3	86.42	47.6 1.28e5
Z-Avg (d.nm):	15.54	Peak 2:	32.0	0.6032	0.5833	0.08718	14.5 0.204
Pdl:	1.000	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	15.54	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	408	Peak 1:	100.0	0.5674	0.5318	0.08325	14.7 0.177
Merit (0 to 100):	2.50	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	63.631...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

v2.2



Sample Details

Sample Name: MPPASE 3 (well D4)
File Name: Malaria.dts
Record Number: 48
Meas Date & Time: 29 September 2016 17:05:41

Temperature (°C): 25.0

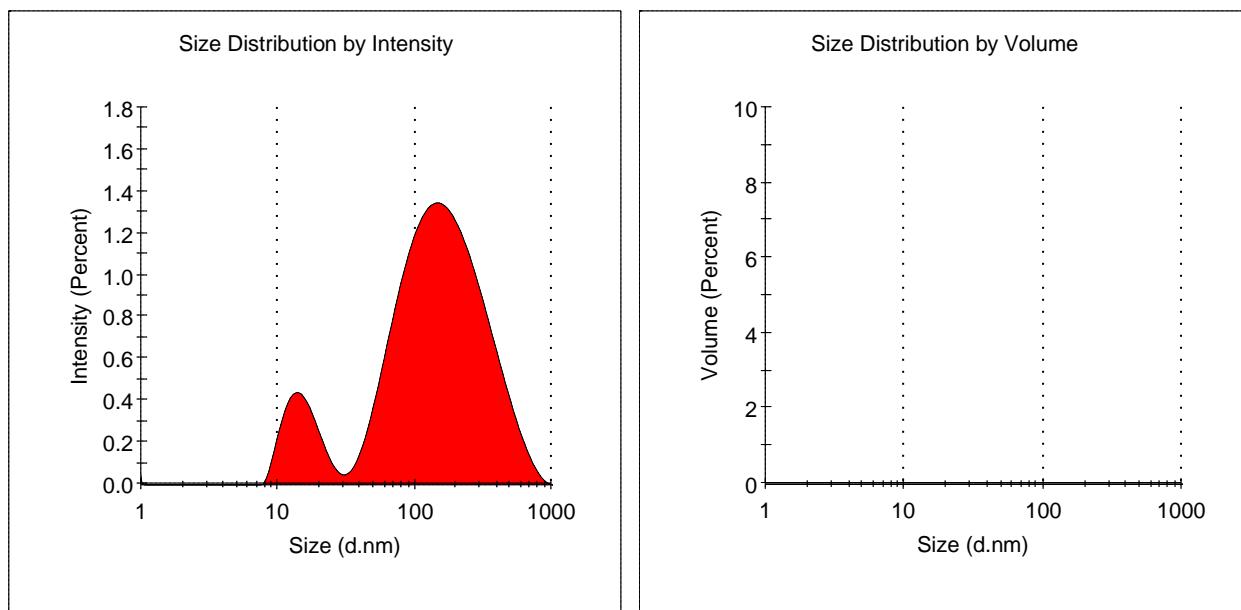
Solvent: Water

Solvent n̄: 1.330

Solvent Vis (cP): 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	53.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	53.0	Peak 1:	52.3	193.7	142.5	134.4	69.4 1.49e5
Z-Avg (d.nm):	9.742	Peak 2:	26.4	0.5772	0.5833	0.1443	25.0 0.184
Pdl:	0.947	Peak 3:	14.2	0.2222	0.2015	0.04375	19.7 0.0197
Pd (d.nm):	9.478	Mass Distribution Results (M)					
%Polydispersity:	97.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	137	Peak 1:	91.0	0.2031	0.1837	0.04337	21.4 0.0160
Merit (0 to 100):	1.77	Peak 2:	9.0	0.5087	0.4421	0.1143	22.5 0.137
Est %Vol Fraction*	846.58...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

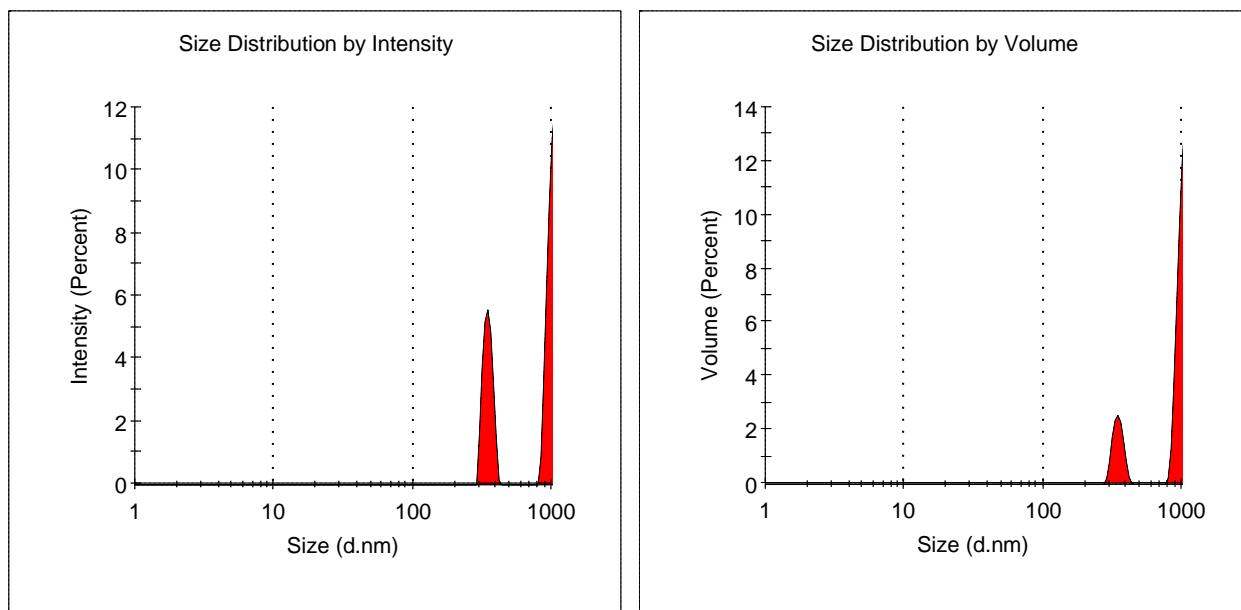
v2.2



Sample Details

Sample Name:	MPPASE 1 (well E1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	49	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:11:18	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	555.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	17366.0	Peak 1:	74.0	1047	1039	106.2	10.1 7.75e6
Z-Avg (d.nm):	1670	Peak 2:	26.0	343.3	342.9	26.03	7.6 5.70e5
Pdl:	0.677	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	1375	Mass Distribution Results (M)					
%Polydispersity:	82.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.31e7	Peak 1:	87.2	1057	1039	112.6	10.7 7.91e6
Merit (0 to 100):	58.8	Peak 2:	12.8	344.2	342.9	28.84	8.4 5.73e5
Est %Vol Fraction*	.00962	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

v2.2



Sample Details

Sample Name: MPPASE 2 (well E1)
File Name: Malaria.dts
Record Number: 50
Meas Date & Time: 29 September 2016 17:13:36

Temperature (°C): 25.0

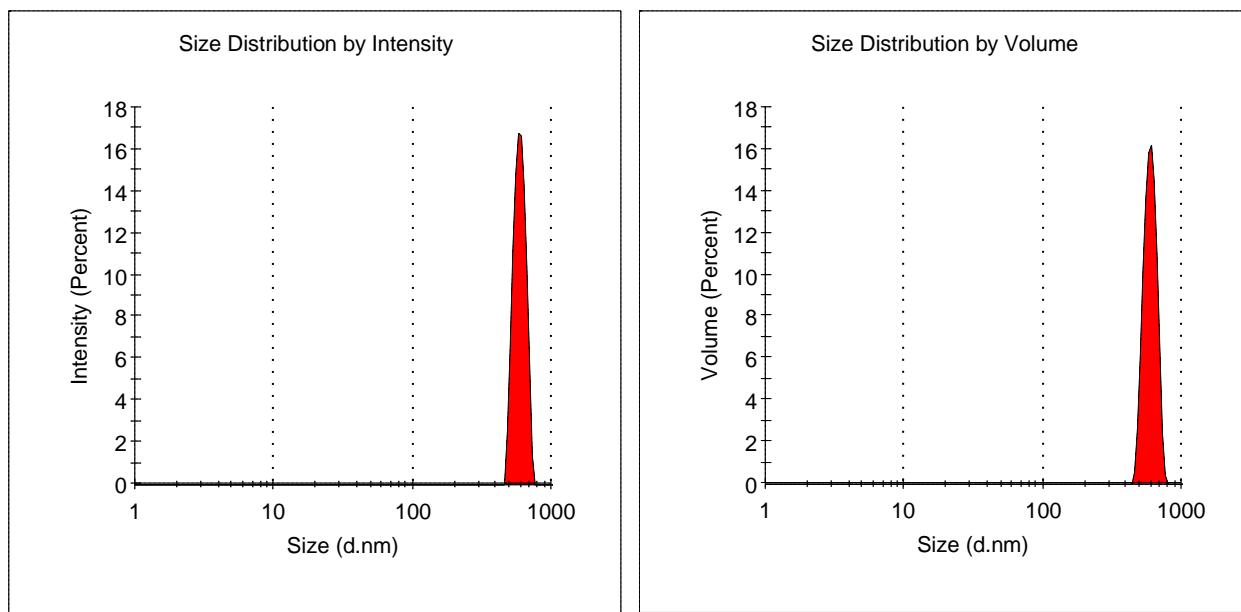
Solvent: Water

Solvent n̄: 1.330

Solvent Vis (cP): 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
CR (kcps):	386.4						
Derived CR (kcp...:	12088.5	Peak 1:	100.0	582.7	570.0	56.17	9.6 1.97e6
Z-Avg (d.nm):	1299	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Pdl:	1.000	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	1299	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.28e7	Peak 1:	100.0	587.1	596.9	60.05	10.2 2.00e6
Merit (0 to 100):	73.4	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	.01467	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

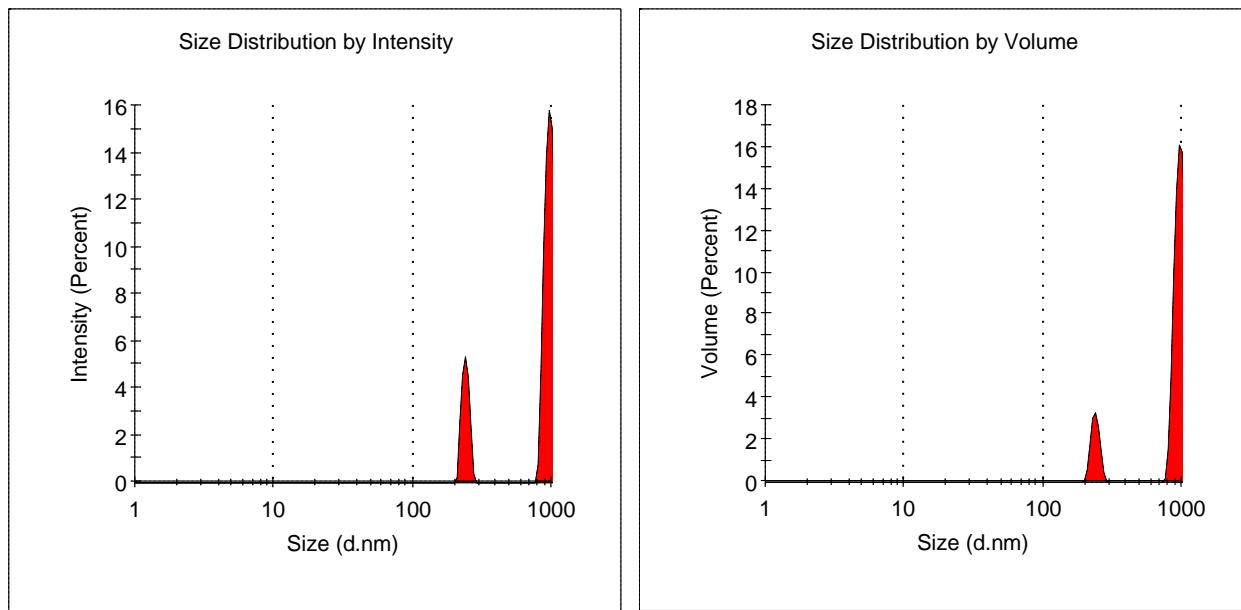
v2.2



Sample Details

Sample Name:	MPPASE 3 (well E1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	51	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:15:53	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	189.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	5918.4	Peak 1:	80.1	959.1	947.5	79.33	8.3
Z-Avg (d.nm):	1377	Peak 2:	19.9	237.5	236.9	14.39	6.1
Pdl:	0.684	Peak 3:	0.0	0.000	0.000	0.000	0
Pd (d.nm):	1139	Mass Distribution Results (M)					
%Polydispersity:	82.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.47e7	Peak 1:	86.5	963.8	947.5	85.97	8.9
Merit (0 to 100):	64.6	Peak 2:	13.5	236.1	236.9	16.27	6.9
Est %Vol Fraction*	.00454	Peak 3:	0.0	0.000	0.000	0.000	0



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Protein Particle Size Distribution Report

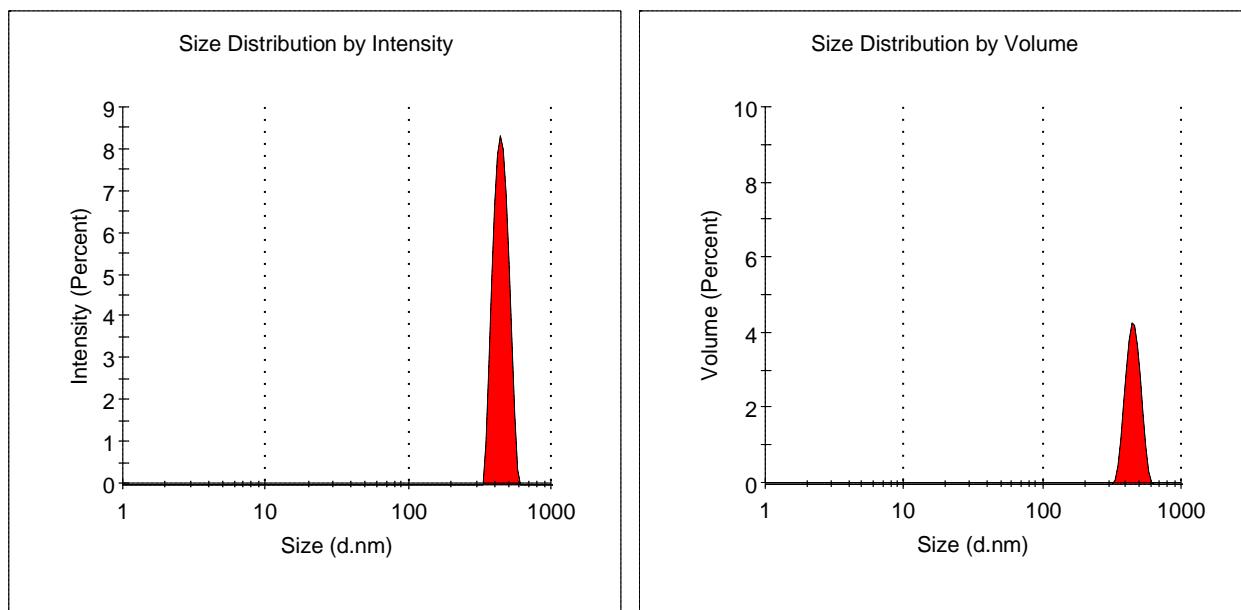
v2.2



Sample Details

Sample Name: MPPASE 1 (well E2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 52 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 17:21:28 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	2838.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	2838.6	Peak 1:	57.2	438.4	432.0	49.55	11.3 1.01e6
Z-Avg (d.nm):	1240	Peak 2:	42.8	2247	2280	265.0	11.8 4.62e7
Pdl:	0.977	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	1226	Mass Distribution Results (M)					
%Polydispersity:	98.8	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.15e7	Peak 1:	28.9	442.7	432.0	50.93	11.5 1.03e6
Merit (0 to 100):	42.2	Peak 2:	71.1	2268	2280	275.5	12.1 4.72e7
Est %Vol Fraction*	.00206	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

v2.2



Sample Details

Sample Name: MPPASE 2 (well E2)
File Name: Malaria.dts
Record Number: 53
Meas Date & Time: 29 September 2016 17:23:45

Temperature (°C): 25.0

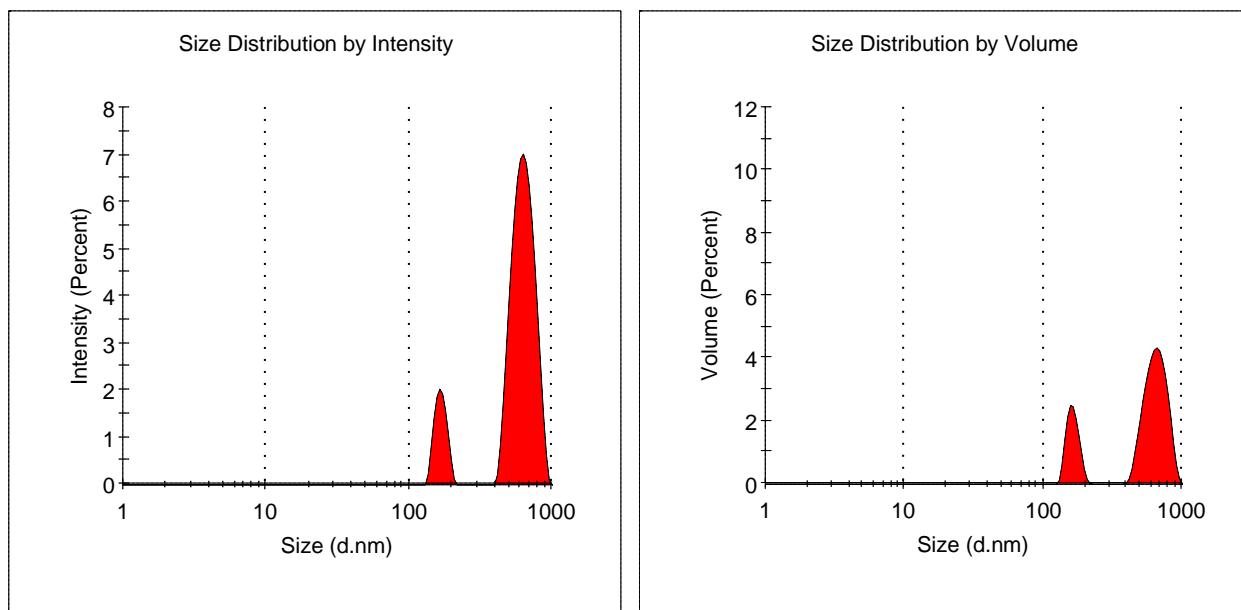
Solvent: Water

Solvent n̄: 1.330

Solvent Vis (cP): 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	5033.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	5033.5	Peak 1:	72.3	630.5	625.2	107.1	17.0 2.36e6
Z-Avg (d.nm):	1349	Peak 2:	16.2	5412	5744	321.8	5.9 3.62e8
Pdl:	1.000	Peak 3:	11.5	166.3	163.7	15.60	9.4 1.05e5
Pd (d.nm):	1349	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.40e7	Peak 1:	46.0	646.4	654.7	112.1	17.3 2.51e6
Merit (0 to 100):	24.2	Peak 2:	39.5	5409	5484	366.6	6.8 3.61e8
Est %Vol Fraction*	.00125	Peak 3:	14.5	162.9	156.3	16.10	9.9 9.95e4



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Protein Particle Size Distribution Report

v2.2



Sample Details

Sample Name: MPPASE 3 (well E2)
File Name: Malaria.dts
Record Number: 54
Meas Date & Time: 29 September 2016 17:26:02

Temperature (°C): 24.9

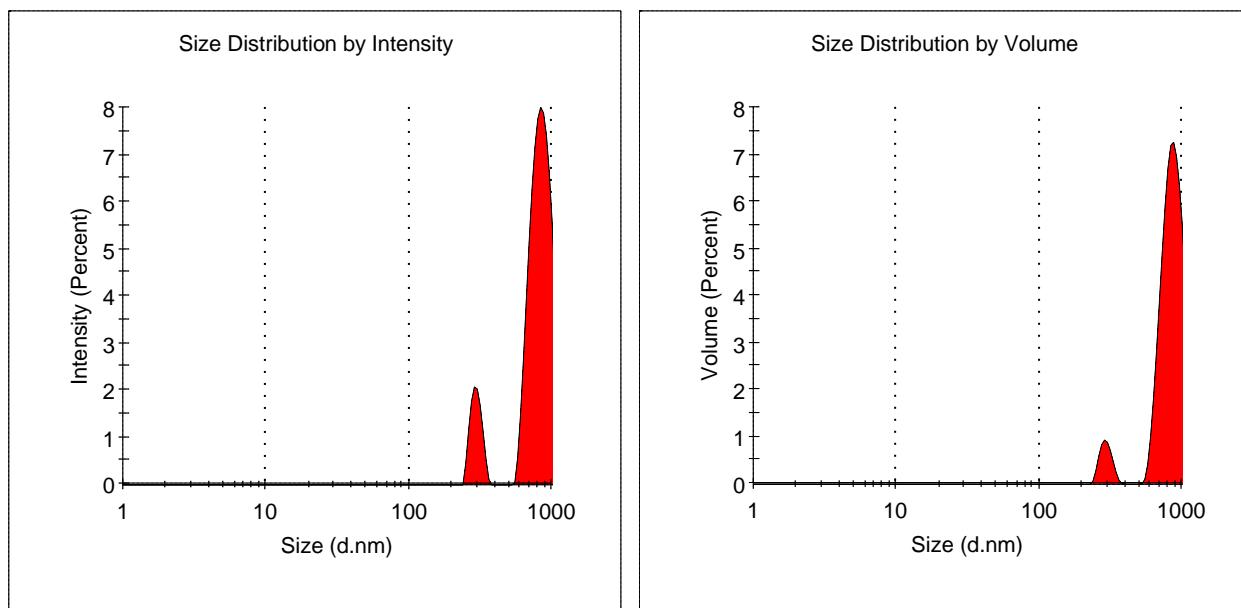
Solvent: Water

Solvent n̄: 1.330

Solvent Vis (cP): 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	2186.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	2186.0	Peak 1:	80.4	842.3	824.9	139.4	16.6 4.65e6
Z-Avg (d.nm):	1447	Peak 2:	11.0	293.6	285.0	25.37	8.6 3.95e5
Pdl:	0.623	Peak 3:	8.7	5475	5744	275.6	5.0 3.71e8
Pd (d.nm):	1142	Mass Distribution Results (M)					
%Polydispersity:	78.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.65e7	Peak 1:	71.7	861.4	863.9	142.9	16.6 4.91e6
Merit (0 to 100):	37.7	Peak 2:	5.2	291.9	285.0	27.26	9.3 3.90e5
Est %Vol Fraction*	.00043	Peak 3:	23.1	5471	5484	329.5	6.0 3.71e8



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Protein Particle Size Distribution Report

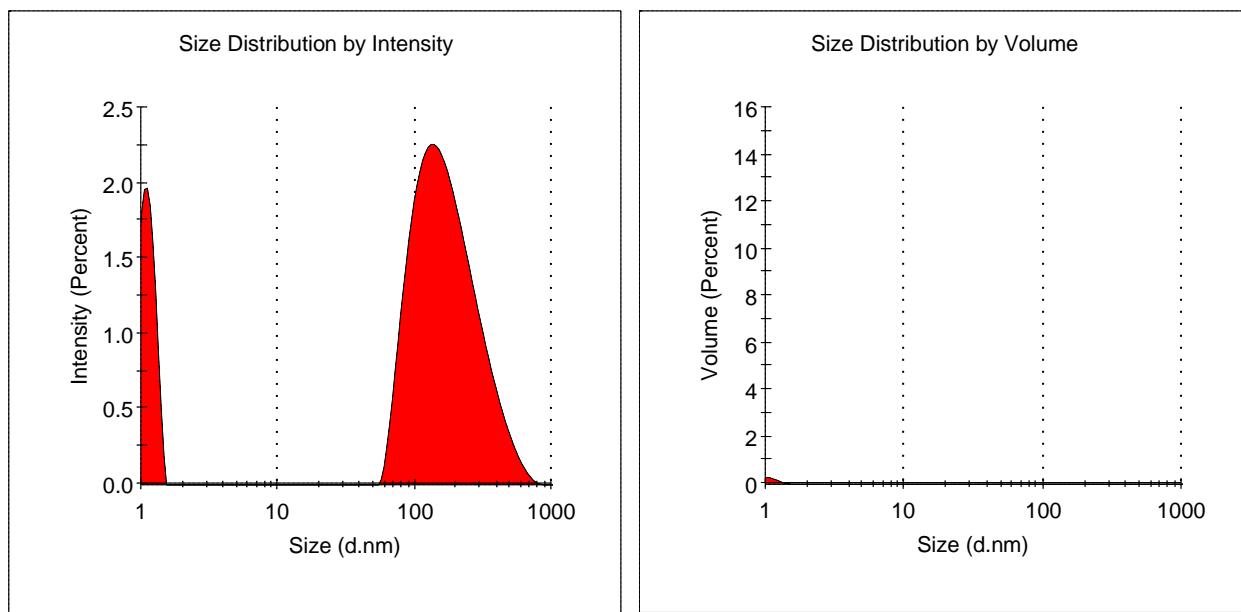
v2.2



Sample Details

Sample Name:	MPPASE 1 (well E3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	55	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:33:07	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	59.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	59.2	Peak 1:	64.9	185.6	136.1	105.2	56.7 1.35e5
Z-Avg (d.nm):	87.64	Peak 2:	16.5	1.099	1.114	0.1504	13.7 0.829
Pdl:	0.710	Peak 3:	11.2	0.2799	0.2785	0.03118	11.1 0.0338
Pd (d.nm):	73.86	Mass Distribution Results (M)					
%Polydispersity:	84.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.34e4	Peak 1:	97.5	0.2700	0.2659	0.03089	11.4 0.0311
Merit (0 to 100):	3.65	Peak 2:	2.5	1.040	1.016	0.1457	14.0 0.729
Est %Vol Fraction*	171.83...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

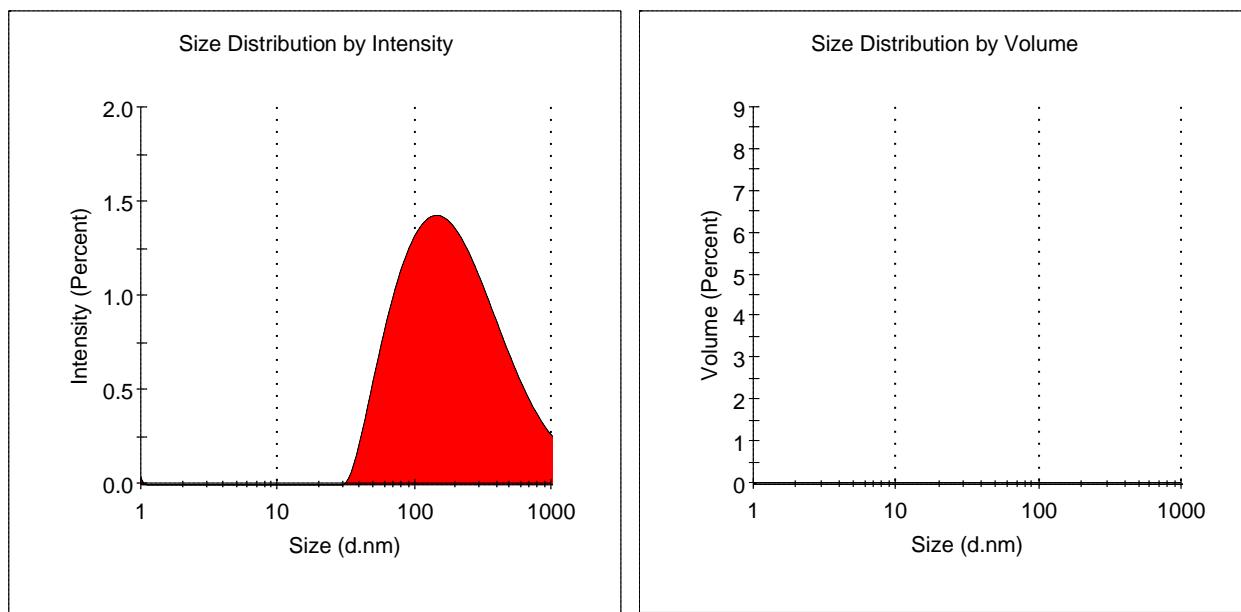
v2.2



Sample Details

Sample Name:	MPPASE 2 (well E3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	56	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:37:41	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	57.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	57.6	Peak 1:	68.2	279.2	142.5	308.5	110.5 3.51e5
Z-Avg (d.nm):	63.26	Peak 2:	27.8	0.5253	0.4849	0.1325	25.2 0.147
Pdl:	0.810	Peak 3:	4.0	3820	5744	1115	29.2 1.60e8
Pd (d.nm):	56.93	Mass Distribution Results (M)					
%Polydispersity:	90.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.09e4	Peak 1:	100.0	0.4463	0.4030	0.1015	22.8 0.101
Merit (0 to 100):	3.61	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	85.526...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

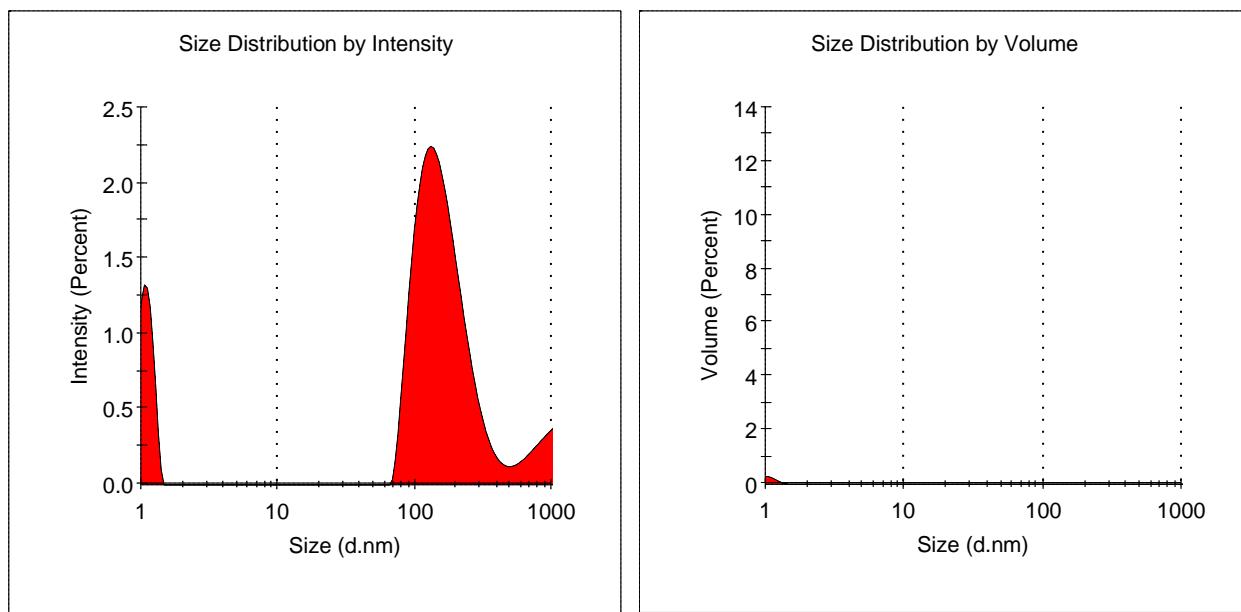
v2.2



Sample Details

Sample Name:	MPPASE 3 (well E3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	57	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:42:14	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	58.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	58.4	Peak 1:	47.6	162.9	129.9	71.31	43.8 9.95e4
Z-Avg (d.nm):	101.5	Peak 2:	23.4	2567	5744	1485	57.8 6.32e7
Pdl:	0.821	Peak 3:	19.1	0.3822	0.3675	0.05232	13.7 0.0701
Pd (d.nm):	91.97	Mass Distribution Results (M)					
%Polydispersity:	90.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.29e4	Peak 1:	97.8	0.3623	0.3509	0.04966	13.7 0.0618
Merit (0 to 100):	4.09	Peak 2:	2.2	1.031	1.016	0.1312	12.7 0.715
Est %Vol Fraction*	155.18...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

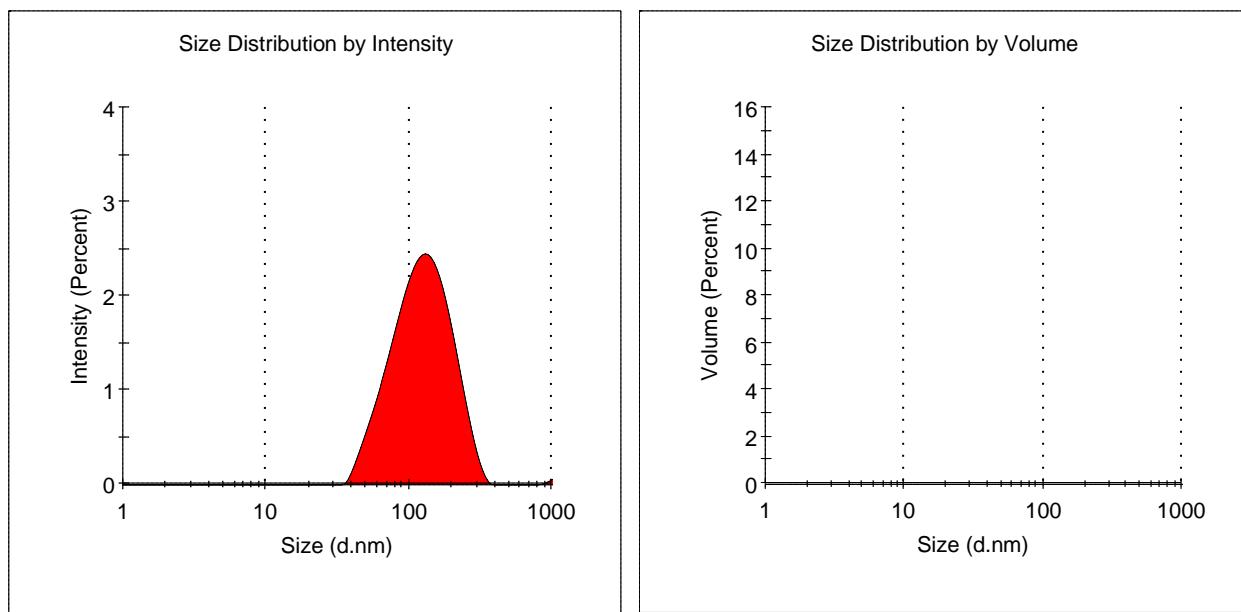
v2.2



Sample Details

Sample Name:	MPPASE 1 (well E4)	Temperature (°C):	25.1
File Name:	Malaria.dts	Solvent:	Water
Record Number:	58	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:49:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	61.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	61.0	Peak 1:	64.4	132.6	129.9	58.71	44.3 6.16e4
Z-Avg (d.nm):	170.7	Peak 2:	24.5	0.4380	0.4421	0.04843	11.1 0.0964
Pdl:	0.566	Peak 3:	9.7	4966	5744	634.5	12.8 2.96e8
Pd (d.nm):	128.4	Mass Distribution Results (M)					
%Polydispersity:	75.2	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.11e5	Peak 1:	100.0	0.4227	0.4030	0.04831	11.4 0.0887
Merit (0 to 100):	6.99	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	88.461...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

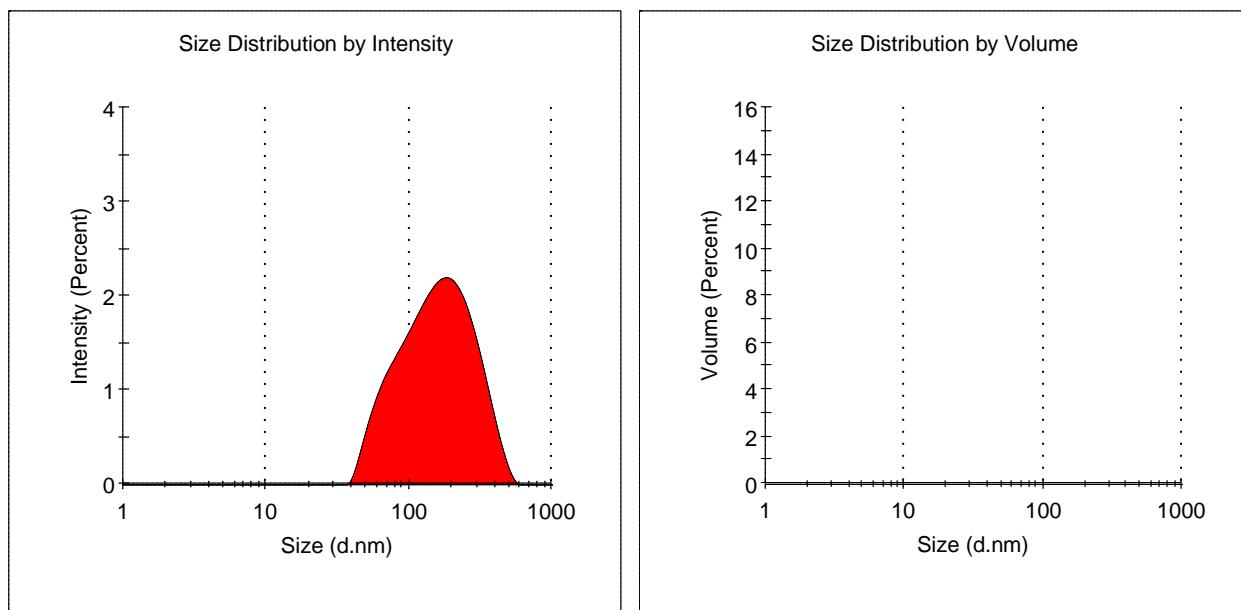
v2.2



Sample Details

Sample Name:	MPPASE 2 (well E4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	59	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:53:30	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	59.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	59.6	Peak 1:	74.8	176.6	179.5	96.96	54.9 1.20e5
Z-Avg (d.nm):	98.44	Peak 2:	23.0	0.2961	0.2917	0.03529	11.9 0.0385
Pdl:	0.589	Peak 3:	2.2	5189	5744	478.1	9.2 3.28e8
Pd (d.nm):	75.54	Mass Distribution Results (M)					
%Polydispersity:	76.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.07e4	Peak 1:	100.0	0.2842	0.2785	0.03452	12.1 0.0350
Merit (0 to 100):	5.52	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	332.31...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

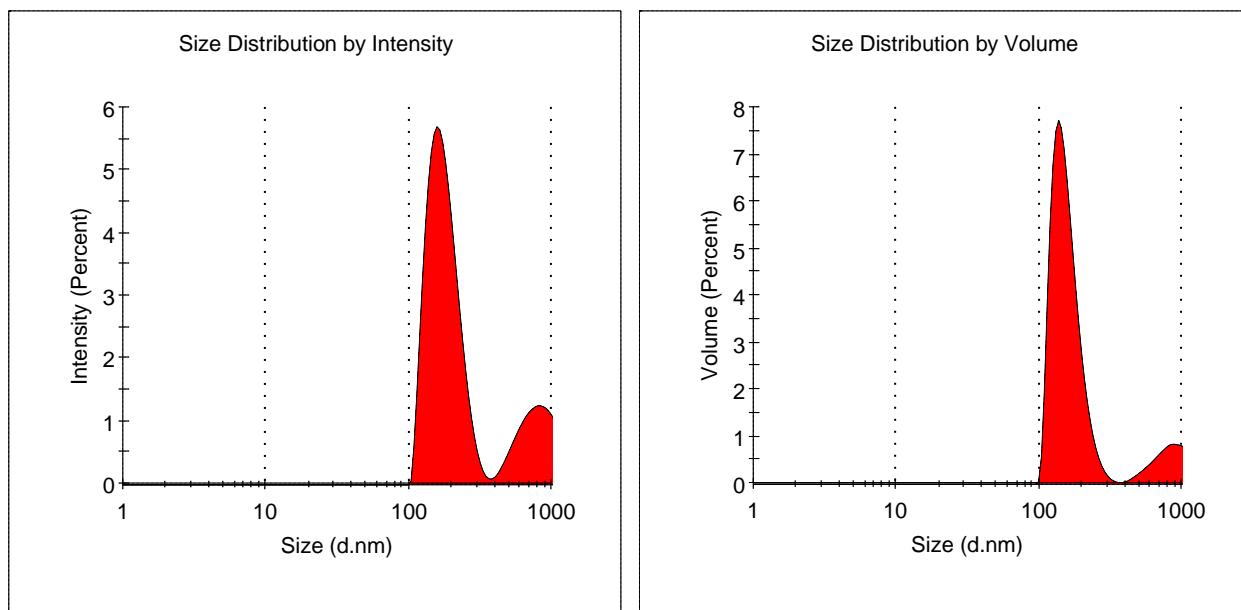
v2.2



Sample Details

Sample Name: MPPASE 1 (well F1) Temperature (°C): 25.0
File Name: Malaria.dts Solvent: Water
Record Number: 61 Solvent n̄: 1.330
Meas Date & Time: 29 September 2016 18:04:16 Solvent Vis (cP): 0.8872
Measurement quality: Good

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	198.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	198.3	Peak 1:	76.7	175.5	156.3	44.15	25.2 1.19e5
Z-Avg (d.nm):	249.2	Peak 2:	23.3	829.9	824.9	252.8	30.5 4.50e6
Pdl:	0.464	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	169.7	Mass Distribution Results (M)					
%Polydispersity:	68.1	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.69e5	Peak 1:	85.0	155.0	136.1	36.20	23.3 8.87e4
Merit (0 to 100):	35.4	Peak 2:	15.0	892.0	863.9	261.7	29.3 5.32e6
Est %Vol Fraction*	.00003	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

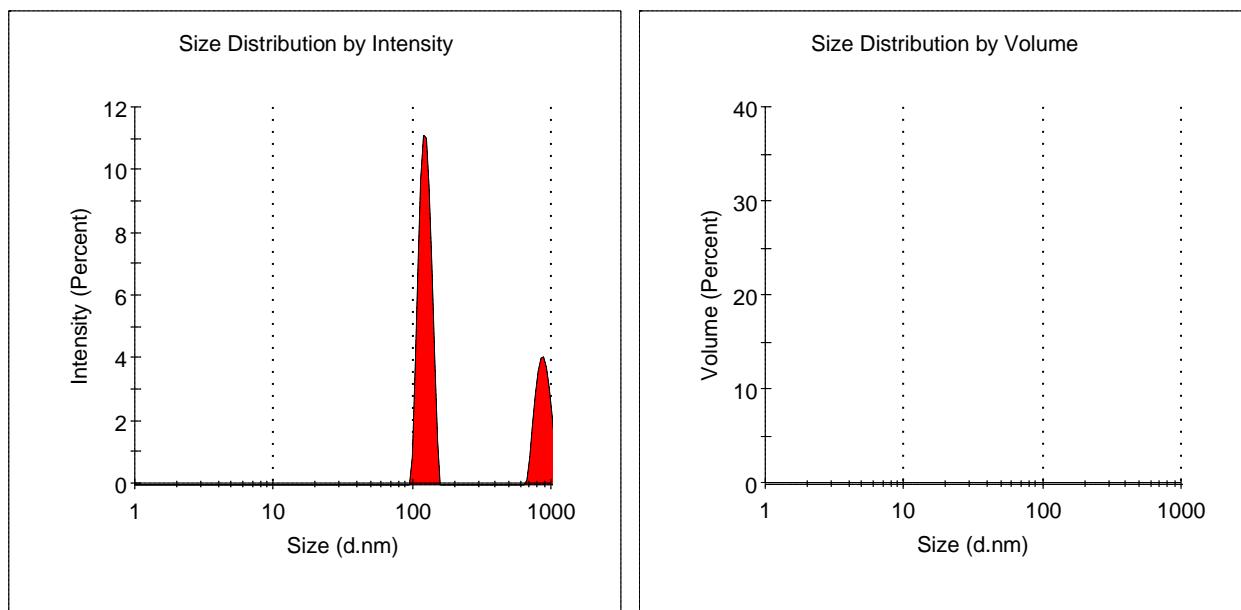
v2.2



Sample Details

Sample Name:	MPPASE 2 (well F1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	62	Solvent η :	1.330
Meas Date & Time:	29 September 2016 18:08:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	146.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	146.6	Peak 1:	65.4	122.0	118.5	11.65	9.5 5.06e4
Z-Avg (d.nm):	285.9	Peak 2:	28.0	856.4	863.9	95.99	11.2 4.84e6
Pdl:	0.785	Peak 3:	6.5	0.6363	0.6398	0.02154	3.4 0.231
Pd (d.nm):	253.4	Mass Distribution Results (M)					
%Polydispersity:	88.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.72e5	Peak 1:	100.0	0.6345	0.6398	0.02968	4.7 0.229
Merit (0 to 100):	29.6	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	6.05731	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

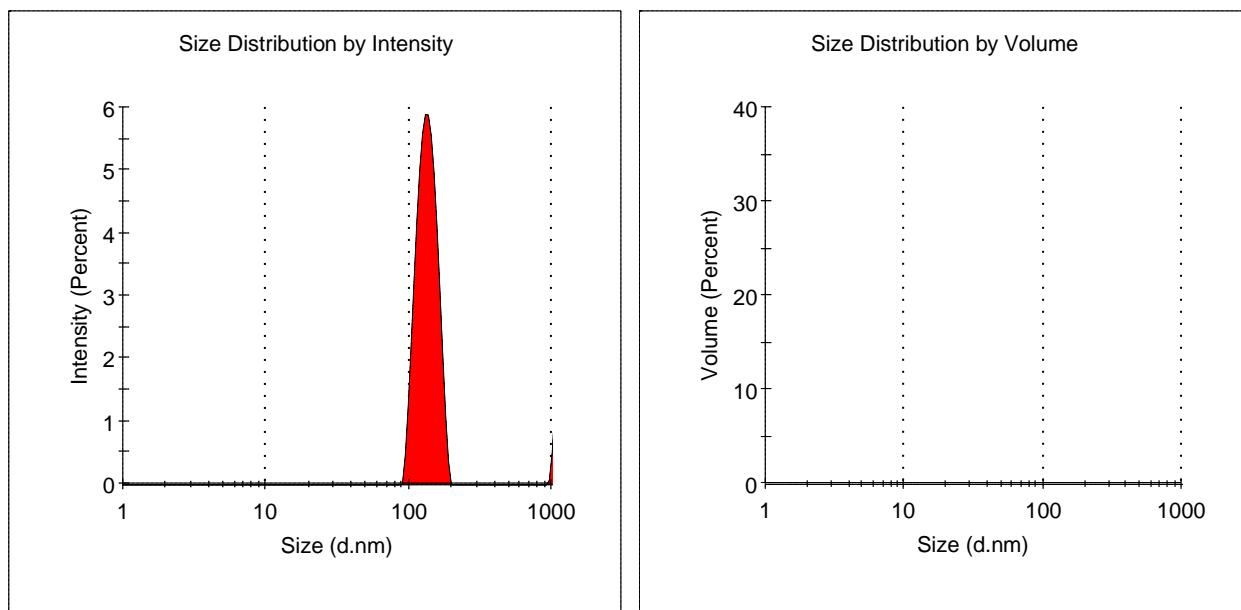
v2.2



Sample Details

Sample Name:	MPPASE 3 (well F1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	63	Solvent η :	1.330
Meas Date & Time:	29 September 2016 18:11:58	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	115.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	115.7	Peak 1:	54.9	134.1	129.9	20.44	15.2 6.32e4
Z-Avg (d.nm):	338.2	Peak 2:	37.3	1358	1371	191.1	14.1 1.42e7
Pdl:	0.800	Peak 3:	7.8	0.5687	0.5570	0.02545	4.5 0.178
Pd (d.nm):	302.5	Mass Distribution Results (M)					
%Polydispersity:	89.5	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	5.50e5	Peak 1:	100.0	0.5656	0.5570	0.03123	5.5 0.175
Merit (0 to 100):	30.0	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	8.54565	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

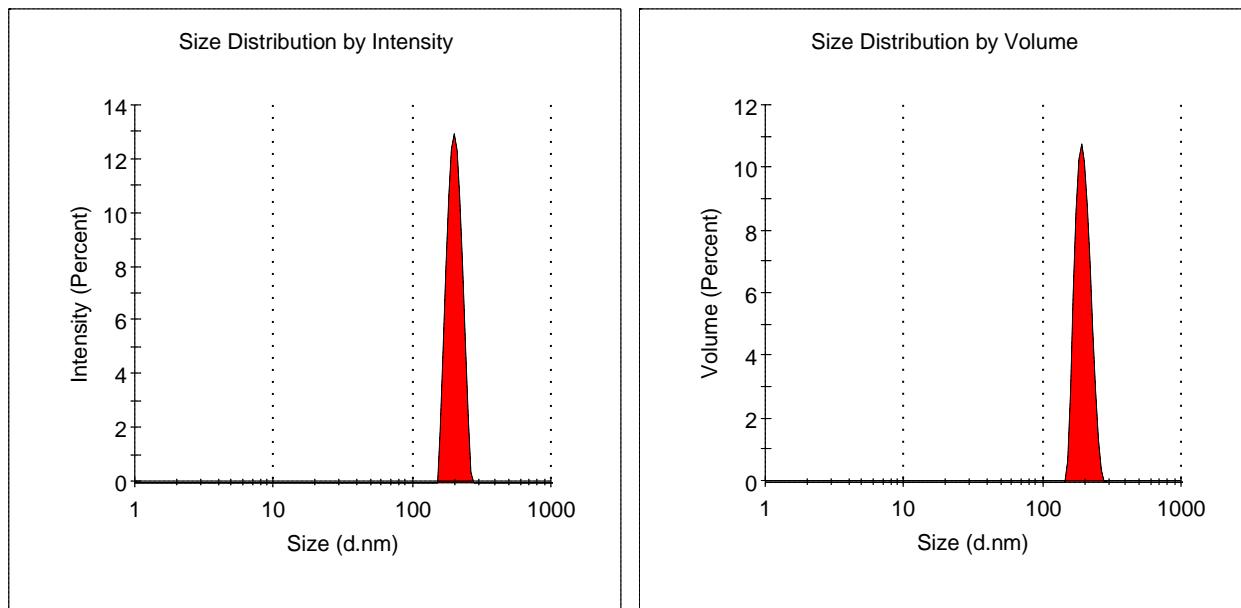
v2.2



Sample Details

Sample Name: MPPASE 1 (well F2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 64 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 18:17:07 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	279.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	279.5	Peak 1:	89.6	198.7	196.9	22.52	11.3 1.59e5
Z-Avg (d.nm):	269.0	Peak 2:	10.4	5159	5744	476.5	9.2 3.23e8
Pdl:	0.629	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	213.3	Mass Distribution Results (M)					
%Polydispersity:	79.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.22e5	Peak 1:	74.8	193.3	188.0	22.85	11.8 1.49e5
Merit (0 to 100):	32.9	Peak 2:	25.2	5163	5484	499.5	9.7 3.24e8
Est %Vol Fraction*	.00002	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



*The molecular weight reported here is only an estimate, calculated using an empirical mass vs. size calibration curve.

*The estimated concentration is calculated from the size distribution measured by DLS and extrapolated from the total intensity compared to a standard sample of known size, concentration, and refractive index. If the current sample is non-spherical or the refractive index is incorrect the value of the predicted concentration may be in error.

Protein Particle Size Distribution Report

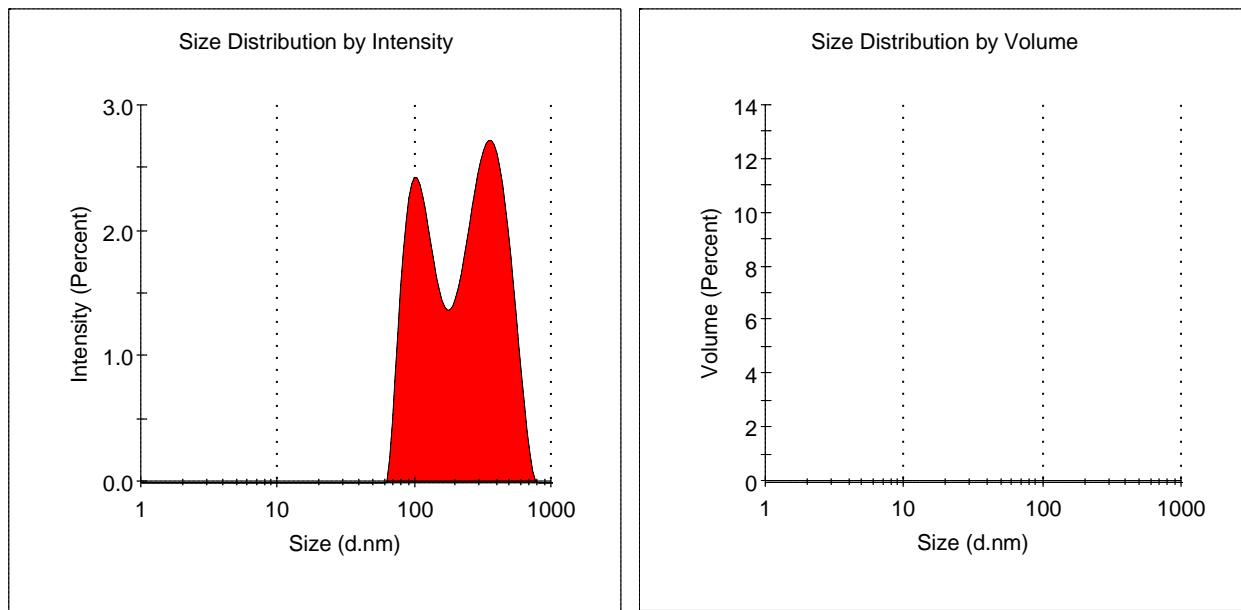
v2.2



Sample Details

Sample Name: MPPASE 2 (well F2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 65 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 18:19:45 **Solvent Vis (cP):** 0.8872
Measurement quality: Rely on distribution only

Cumulant Results		Intensity Distribution Results (I)					
		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
CR (kcps):	85.4						
Derived CR (kcp...:	85.4	Peak 1:	56.4	346.5	342.9	117.6	33.9 5.82e5
Z-Avg (d.nm):	178.3	Peak 2:	37.1	112.4	98.47	27.77	24.7 4.18e4
Pdl:	0.494	Peak 3:	6.5	0.3719	0.3675	0.04541	12.2 0.0657
Pd (d.nm):	125.3	Mass Distribution Results (M)					
%Polydispersity:	70.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.23e5	Peak 1:	100.0	0.3560	0.3509	0.04467	12.5 0.0593
Merit (0 to 100):	18.3	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	26.876...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

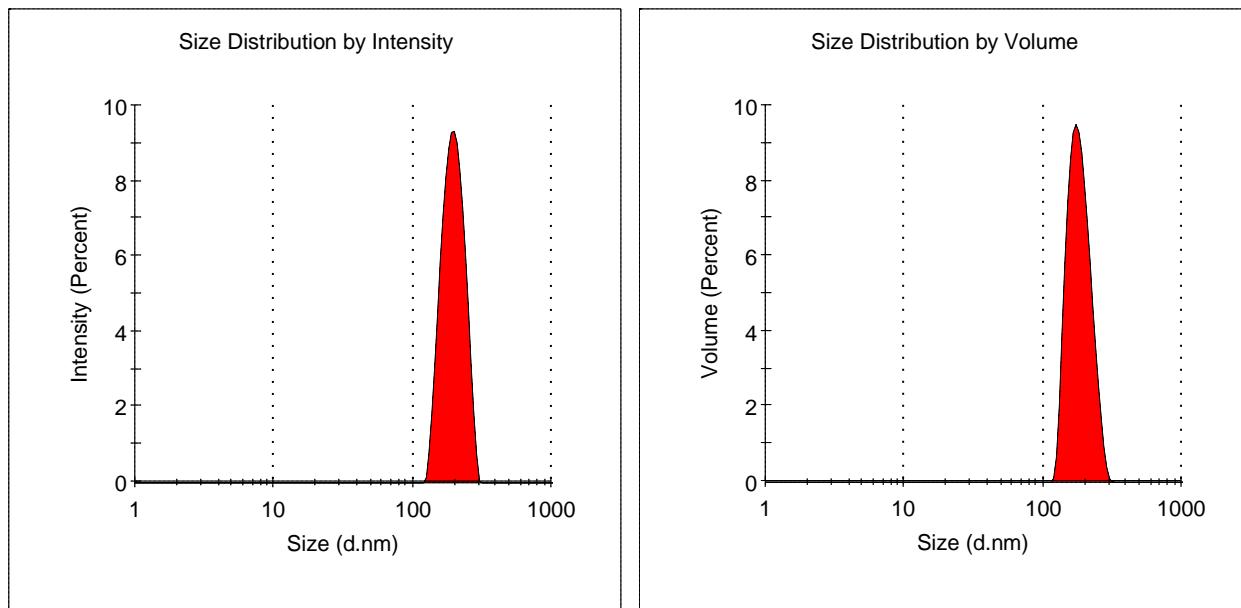
v2.2



Sample Details

Sample Name: MPPASE 3 (well F2) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 66 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 18:22:23 **Solvent Vis (cP):** 0.8872
Measurement quality: **Good**

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	303.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	303.5	Peak 1:	100.0	195.7	196.9	34.34	17.6 1.53e5
Z-Avg (d.nm):	207.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Pdl:	0.332	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	119.7	Mass Distribution Results (M)					
%Polydispersity:	57.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.76e5	Peak 1:	100.0	182.7	171.4	33.31	18.2 1.30e5
Merit (0 to 100):	28.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	.00007	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

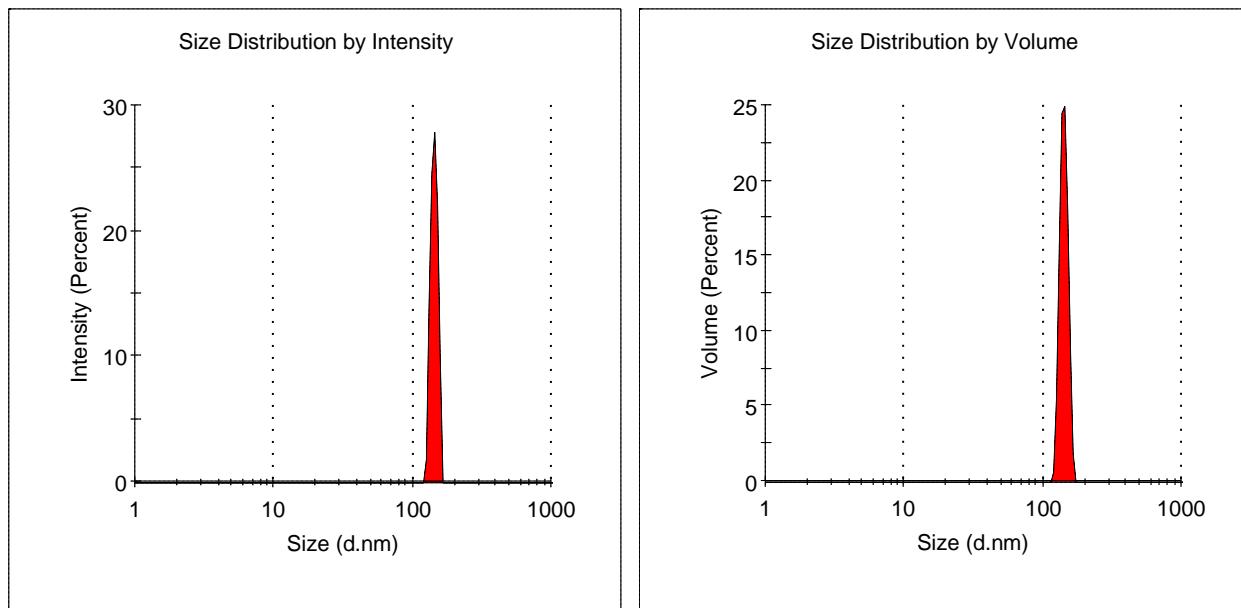
v2.2



Sample Details

Sample Name: MPPASE 1 (well F3) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 67 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 18:28:26 **Solvent Vis (cP):** 0.8872
Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
CR (kcps):	104.8						
Derived CR (kcp...:	104.8	Peak 1:	100.0	141.7	142.5	8.170	5.8 7.19e4
Z-Avg (d.nm):	249.8	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Pdl:	0.596	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	192.9	Mass Distribution Results (M)					
%Polydispersity:	77.2	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.71e5	Peak 1:	100.0	140.5	142.5	9.341	6.6 7.05e4
Merit (0 to 100):	28.7	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	.00004	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

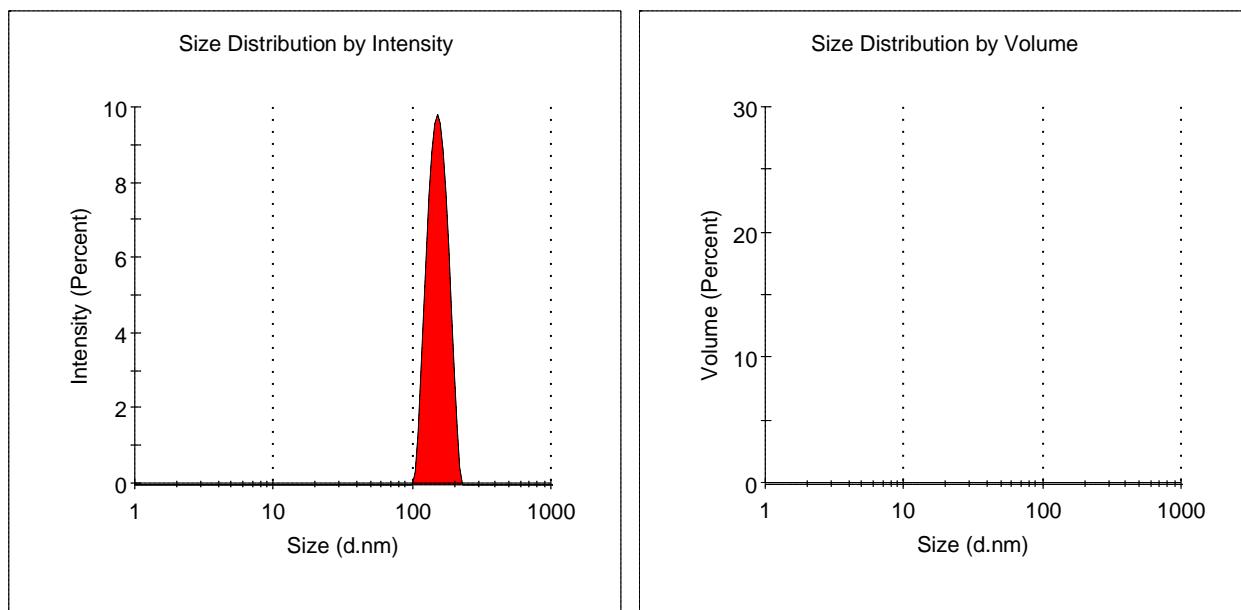
v2.2



Sample Details

Sample Name:	MPPASE 2 (well F3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	68	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 18:31:57	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	97.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	97.9	Peak 1:	93.2	151.4	149.2	23.65	15.6 8.39e4
Z-Avg (d.nm):	199.8	Peak 2:	6.8	0.6176	0.6109	0.03477	5.6 0.215
Pdl:	0.496	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	140.7	Mass Distribution Results (M)					
%Polydispersity:	70.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.61e5	Peak 1:	100.0	0.6121	0.6109	0.03977	6.5 0.211
Merit (0 to 100):	22.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	4.21032	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

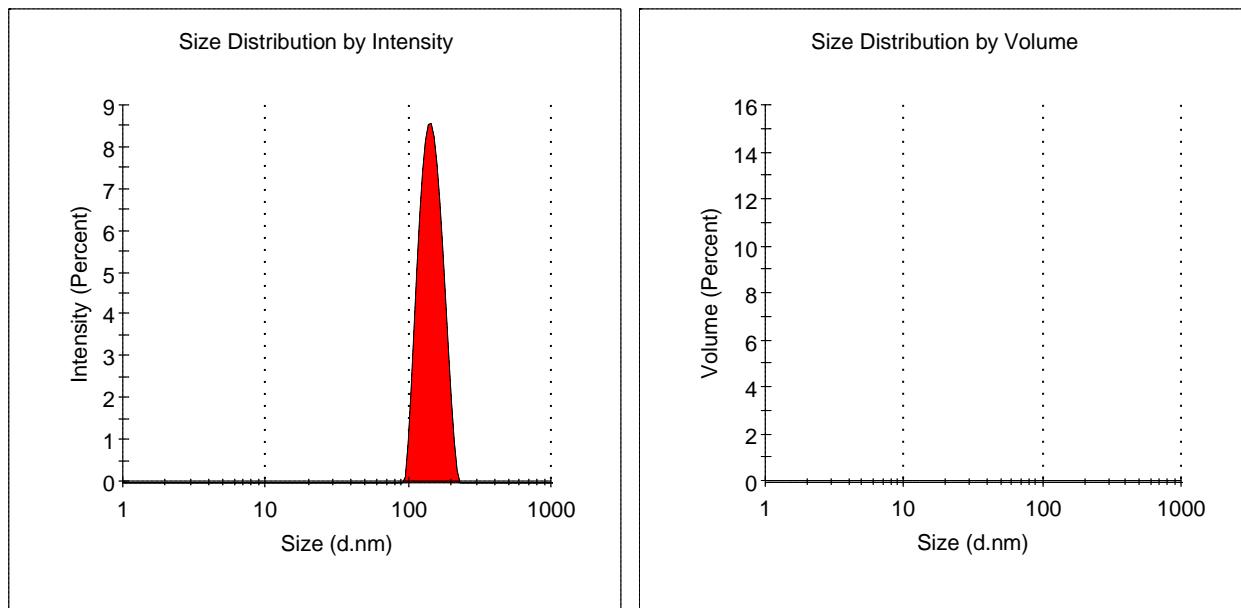
v2.2



Sample Details

Sample Name:	MPPASE 3 (well F3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	69	Solvent η :	1.330
Meas Date & Time:	29 September 2016 18:35:27	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	77.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	77.9	Peak 1:	89.9	143.7	142.5	24.85	17.3 7.42e4
Z-Avg (d.nm):	144.2	Peak 2:	10.1	0.5899	0.5833	0.06067	10.3 0.193
Pdl:	0.376	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	88.38	Mass Distribution Results (M)					
%Polydispersity:	61.3	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	7.49e4	Peak 1:	100.0	0.5716	0.5570	0.06223	10.9 0.180
Merit (0 to 100):	13.1	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	8.95838	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

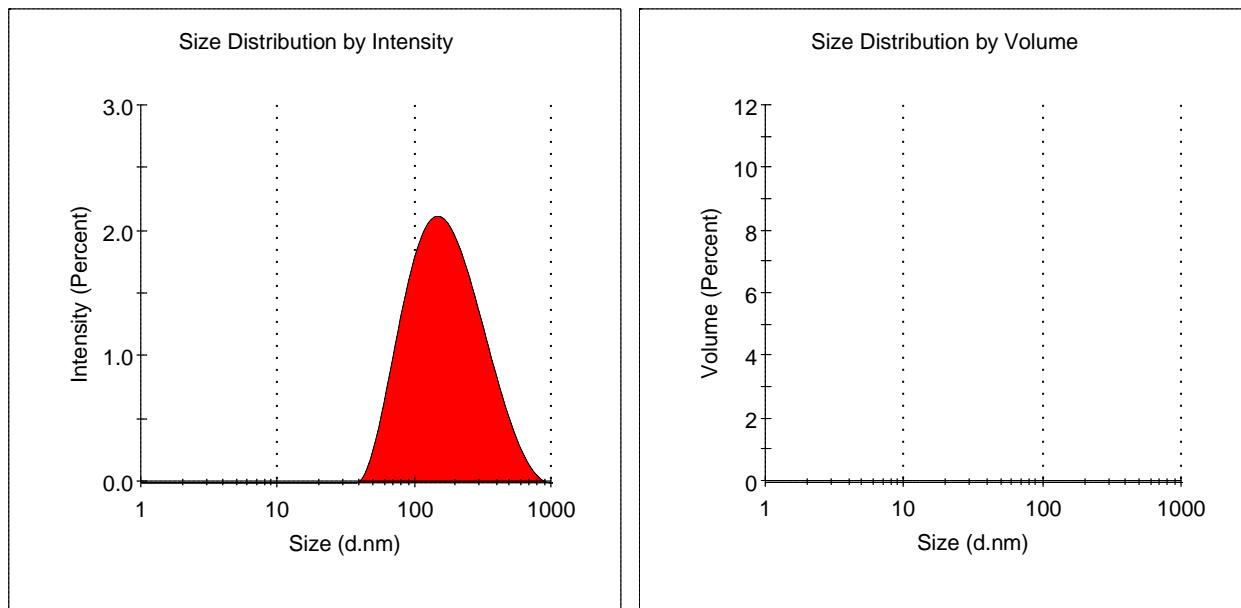
v2.2



Sample Details

Sample Name: MPPASE 1 (well F4) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 70 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 18:42:22 **Solvent Vis (cP):** 0.8872
Measurement quality: Rely on distribution only

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	61.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	61.3	Peak 1:	73.3	192.9	149.2	122.5	63.5 1.48e5
Z-Avg (d.nm):	71.41	Peak 2:	25.5	0.4722	0.4630	0.06745	14.3 0.115
Pdl:	0.808	Peak 3:	1.2	4707	5744	767.9	16.3 2.61e8
Pd (d.nm):	64.19	Mass Distribution Results (M)					
%Polydispersity:	89.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.45e4	Peak 1:	100.0	0.4447	0.4221	0.06481	14.6 0.0998
Merit (0 to 100):	4.09	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	96.386...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

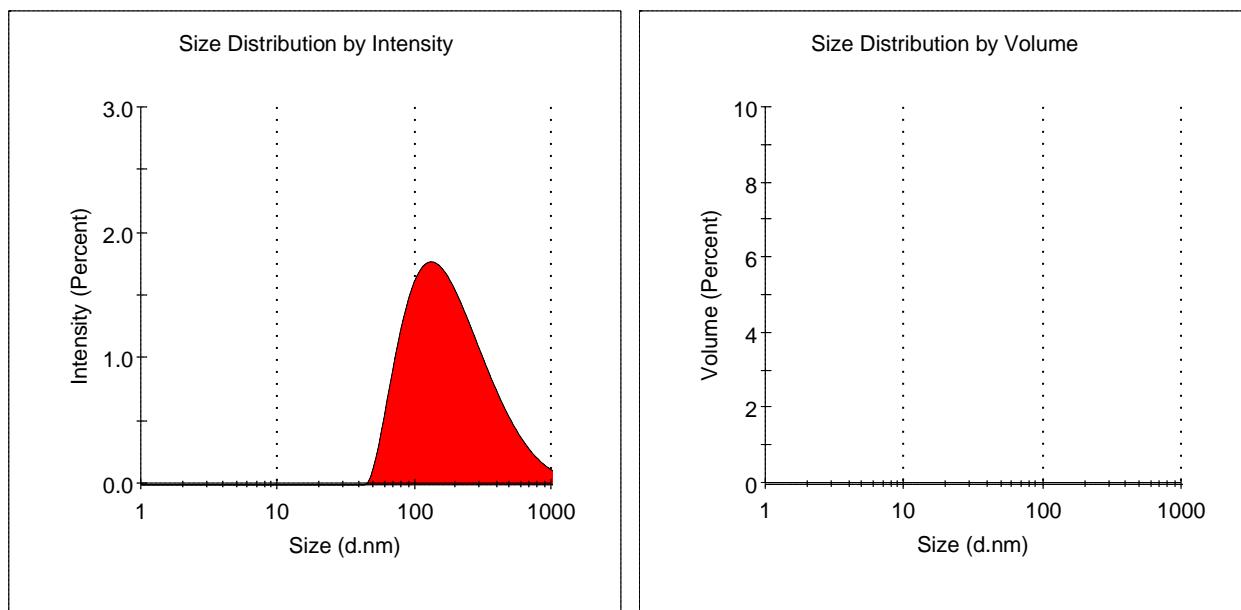
v2.2



Sample Details

Sample Name:	MPPASE 2 (well F4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	71	Solvent η :	1.330
Meas Date & Time:	29 September 2016 18:46:43	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	59.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	59.1	Peak 1:	64.6	224.2	129.9	197.2	88.0 2.10e5
Z-Avg (d.nm):	21.74	Peak 2:	32.7	0.4010	0.3848	0.07413	18.5 0.0784
Pdl:	1.000	Peak 3:	2.7	3870	5744	1176	30.4 1.65e8
Pd (d.nm):	21.74	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	895	Peak 1:	100.0	0.3636	0.3350	0.06632	18.2 0.0623
Merit (0 to 100):	3.42	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	233.30...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

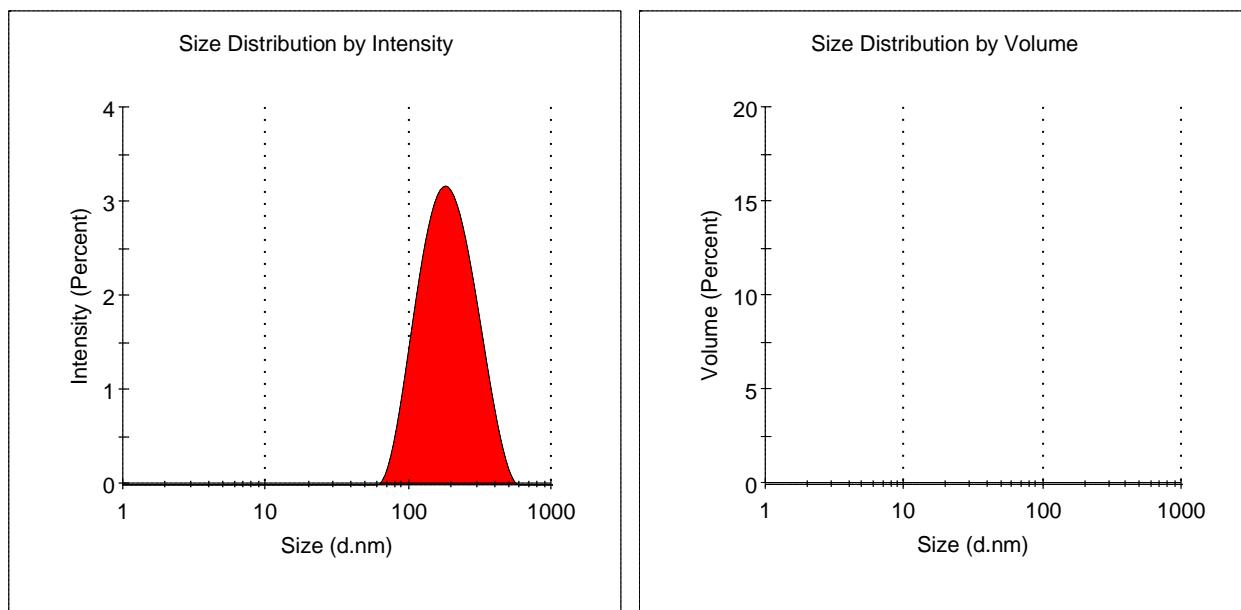
v2.2



Sample Details

Sample Name:	MPPASE 3 (well F4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	72	Solvent η :	1.330
Meas Date & Time:	29 September 2016 18:51:06	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	65.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	65.6	Peak 1:	78.6	199.9	179.5	84.68	42.4 1.61e5
Z-Avg (d.nm):	107.7	Peak 2:	19.2	0.6287	0.6109	0.05526	8.8 0.225
Pdl:	0.606	Peak 3:	2.2	5093	5744	538.3	10.6 3.14e8
Pd (d.nm):	83.80	Mass Distribution Results (M)					
%Polydispersity:	77.8	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.78e4	Peak 1:	100.0	0.6149	0.6109	0.05705	9.3 0.213
Merit (0 to 100):	5.90	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	31.206...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

v2.2



Sample Details

Sample Name: MPPASE 1 (well G1)
File Name: Malaria.dts
Record Number: 73
Meas Date & Time: 29 September 2016 18:56:39

Temperature (°C): 25.0

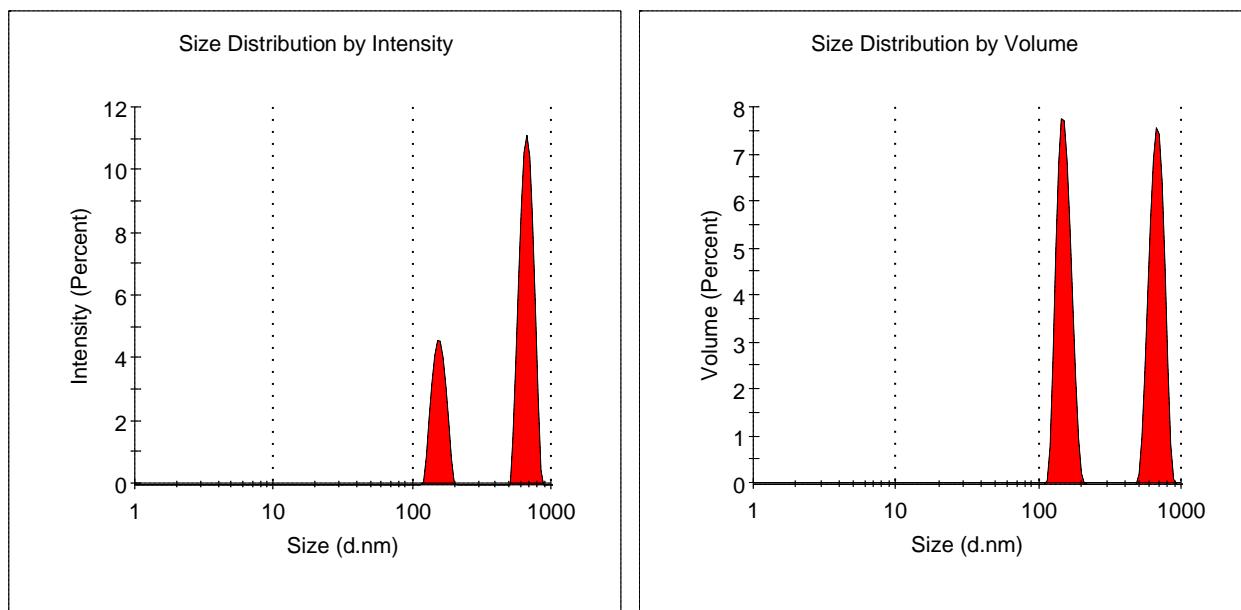
Solvent: Water

Solvent n̄: 1.330

Solvent Vis (cP): 0.8872

Measurement quality: Refer to quality report

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	200.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...)	200.8	Peak 1:	70.4	653.2	654.7	67.56	10.3 2.57e6
Z-Avg (d.nm):	546.8	Peak 2:	29.6	153.3	149.2	15.94	10.4 8.64e4
Pdl:	0.875	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	511.4	Mass Distribution Results (M)					
%Polydispersity:	93.5	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.69e6	Peak 1:	49.6	660.6	654.7	71.62	10.8 2.64e6
Merit (0 to 100):	52.8	Peak 2:	50.4	149.2	142.5	16.29	10.9 8.11e4
Est %Vol Fraction*	.00005	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

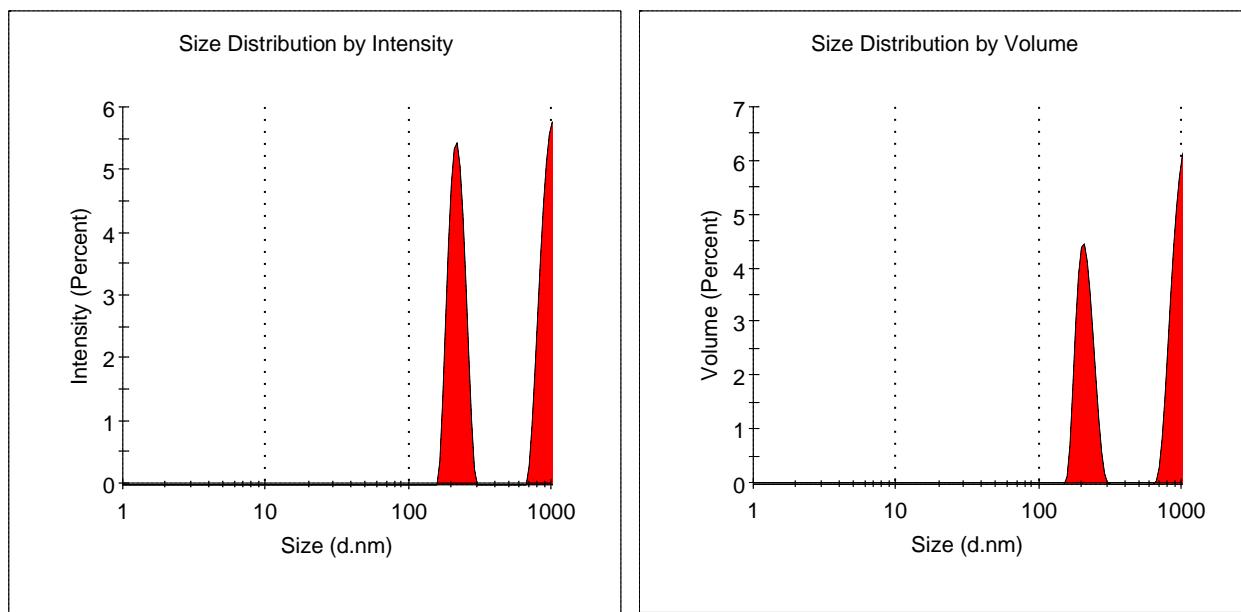
v2.2



Sample Details

Sample Name:	MPPASE 2 (well G1)	Temperature (°C):	25.1
File Name:	Malaria.dts	Solvent:	Water
Record Number:	74	Solvent η :	1.330
Meas Date & Time:	29 September 2016 18:59:37	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	144.7	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	144.7	Peak 1:	60.3	1031	992.3	178.0	17.3 7.48e6
Z-Avg (d.nm):	512.5	Peak 2:	39.7	215.7	216.0	25.93	12.0 1.92e5
Pdl:	0.960	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	502.2	Mass Distribution Results (M)					
%Polydispersity:	98.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.46e6	Peak 1:	67.1	1055	1039	184.4	17.5 7.88e6
Merit (0 to 100):	39.5	Peak 2:	32.9	209.6	206.2	26.29	12.5 1.80e5
Est %Vol Fraction*	.00006	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

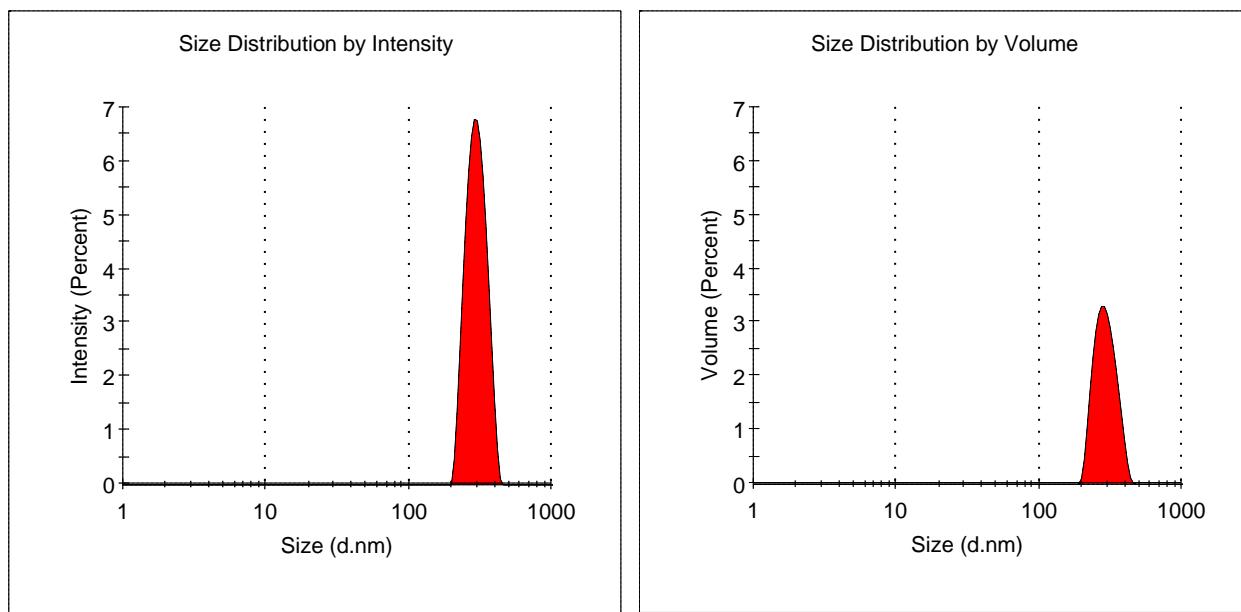
v2.2



Sample Details

Sample Name:	MPPASE 3 (well G1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	75	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:02:35	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	150.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	150.6	Peak 1:	64.4	295.9	285.0	46.12	15.6 4.03e5
Z-Avg (d.nm):	455.1	Peak 2:	35.6	2248	2177	372.8	16.6 4.63e7
Pdl:	0.738	Peak 3:	0.0	0.000	0.000	0.000	0 0.00
Pd (d.nm):	391.0	Mass Distribution Results (M)					
%Polydispersity:	85.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.10e6	Peak 1:	33.4	290.9	272.1	48.69	16.7 3.87e5
Merit (0 to 100):	42.3	Peak 2:	66.6	2286	2280	381.9	16.7 4.81e7
Est %Vol Fraction*	.00009	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

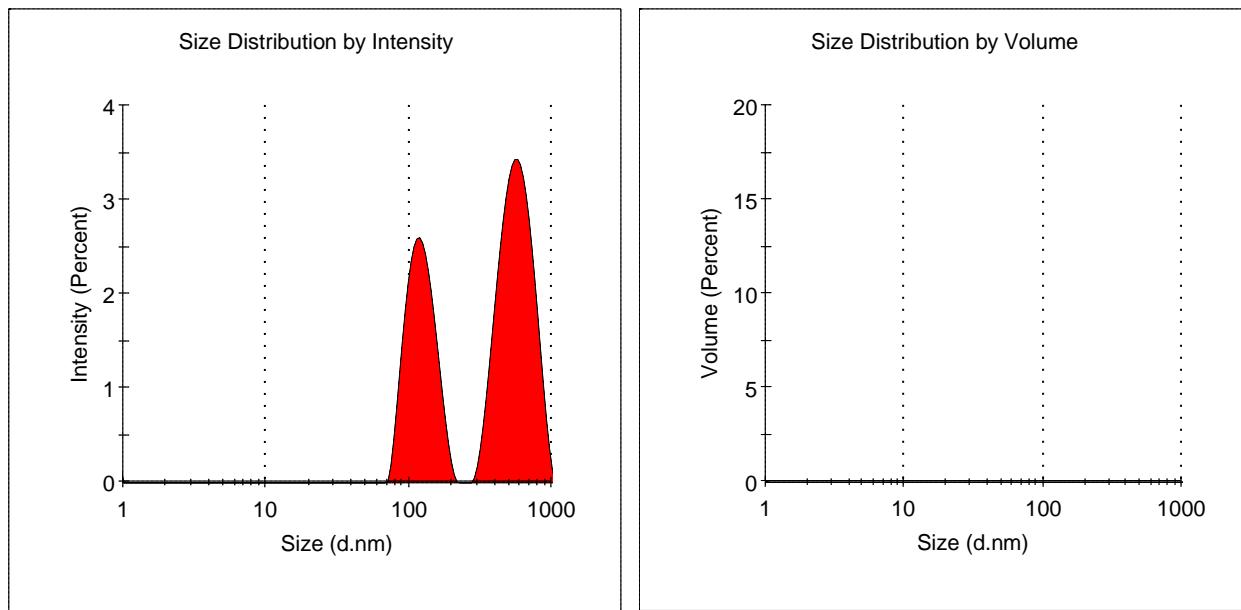
v2.2



Sample Details

Sample Name:	MPPASE 1 (well G2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	76	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:08:48	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	66.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	66.6	Peak 1:	52.9	568.8	570.0	144.4	25.4 1.86e6
Z-Avg (d.nm):	279.9	Peak 2:	34.0	122.5	118.5	26.87	21.9 5.12e4
Pdl:	0.718	Peak 3:	7.9	0.8074	0.8060	0.07121	8.8 0.403
Pd (d.nm):	237.1	Mass Distribution Results (M)					
%Polydispersity:	84.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.53e5	Peak 1:	90.6	0.3212	0.3199	0.02685	8.4 0.0466
Merit (0 to 100):	19.2	Peak 2:	9.4	0.7893	0.7696	0.07423	9.4 0.382
Est %Vol Fraction*	5.31165	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

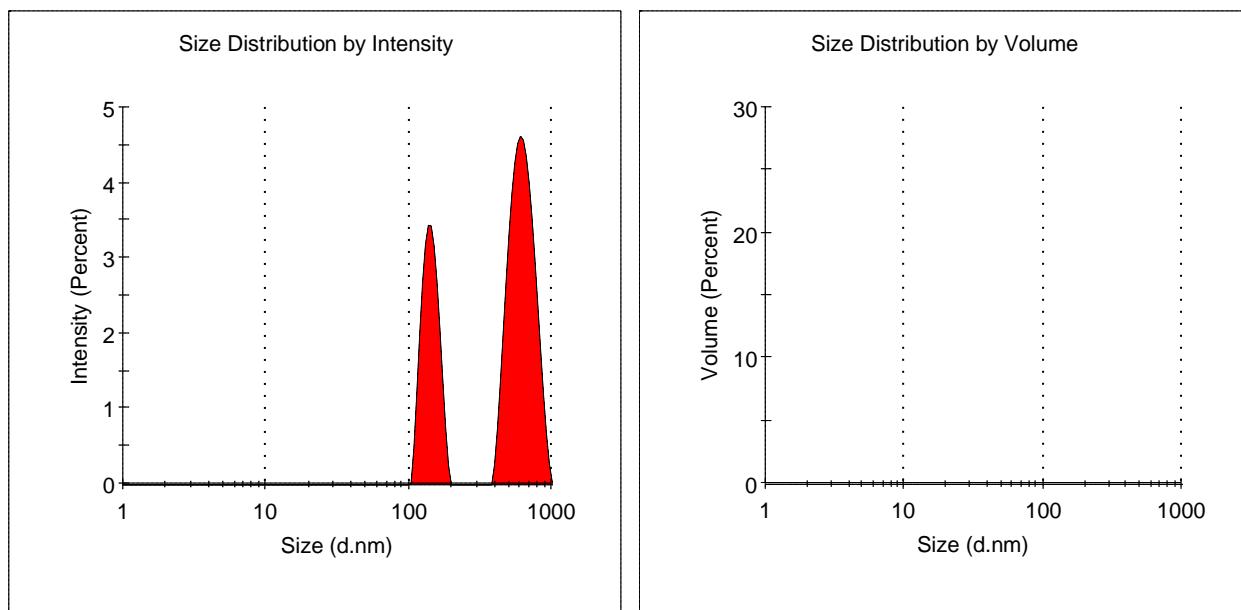
v2.2



Sample Details

Sample Name:	MPPASE 2 (well G2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	77	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:12:27	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	82.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	82.5	Peak 1:	53.4	617.8	596.9	118.4	19.2 2.25e6
Z-Avg (d.nm):	361.2	Peak 2:	26.8	141.4	136.1	18.01	12.7 7.15e4
Pdl:	0.790	Peak 3:	12.3	4954	5744	587.8	11.9 2.94e8
Pd (d.nm):	321.1	Mass Distribution Results (M)					
%Polydispersity:	88.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	6.42e5	Peak 1:	100.0	0.5471	0.5570	0.03059	5.6 0.162
Merit (0 to 100):	29.8	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	7.46024	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

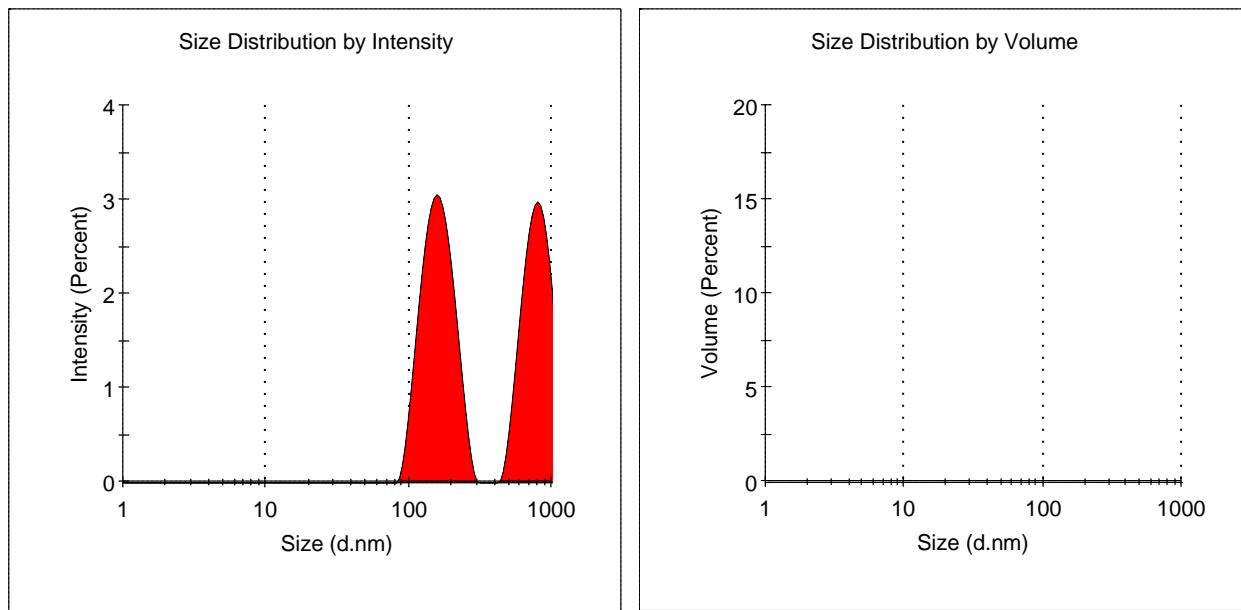
v2.2



Sample Details

Sample Name:	MPPASE 3 (well G2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	78	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 19:16:08	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	62.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	62.4	Peak 1:	45.0	162.1	156.3	39.71	24.5 9.85e4
Z-Avg (d.nm):	297.0	Peak 2:	39.8	796.0	787.6	175.2	22.0 4.08e6
Pdl:	0.790	Peak 3:	15.2	0.4722	0.4630	0.04272	9.0 0.115
Pd (d.nm):	264.0	Mass Distribution Results (M)					
%Polydispersity:	88.9	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	4.06e5	Peak 1:	100.0	0.4612	0.4421	0.04372	9.5 0.109
Merit (0 to 100):	18.5	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	30.234...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

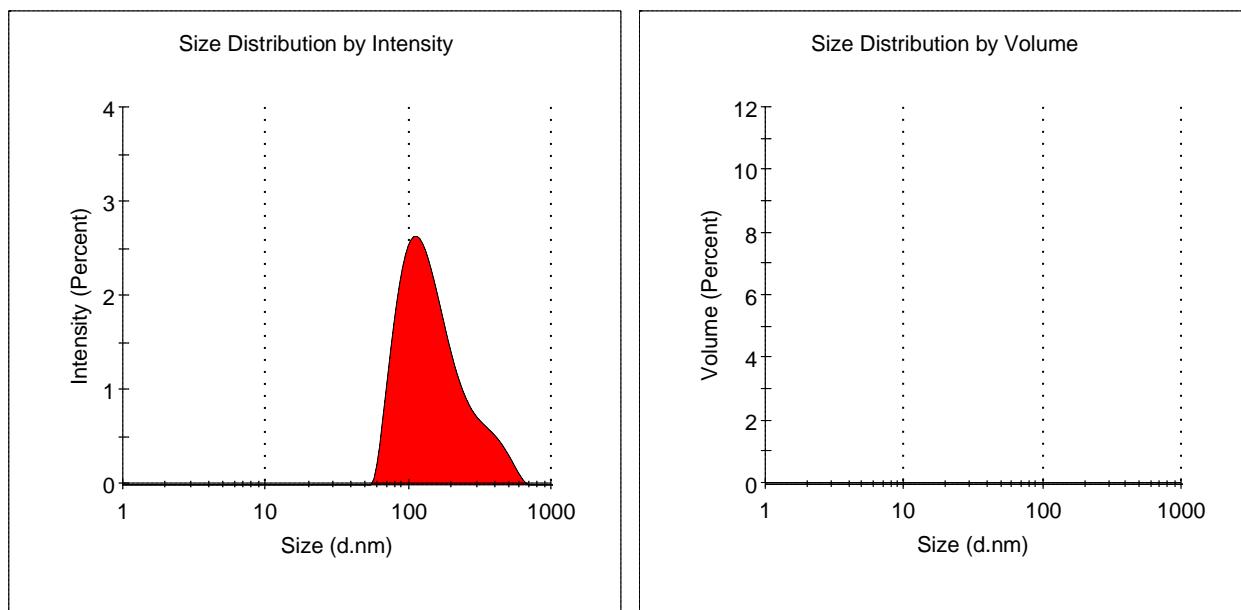
v2.2



Sample Details

Sample Name:	MPPASE 1 (well G3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	79	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:23:01	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	60.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	60.0	Peak 1:	65.4	164.0	113.1	98.25	59.9 1.01e5
Z-Avg (d.nm):	149.5	Peak 2:	32.1	0.6571	0.6398	0.1005	15.3 0.249
Pdl:	0.649	Peak 3:	2.5	5507	5744	258.2	4.7 3.77e8
Pd (d.nm):	120.4	Mass Distribution Results (M)					
%Polydispersity:	80.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	8.15e4	Peak 1:	100.0	0.6139	0.5833	0.09459	15.4 0.212
Merit (0 to 100):	4.15	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	44.503...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

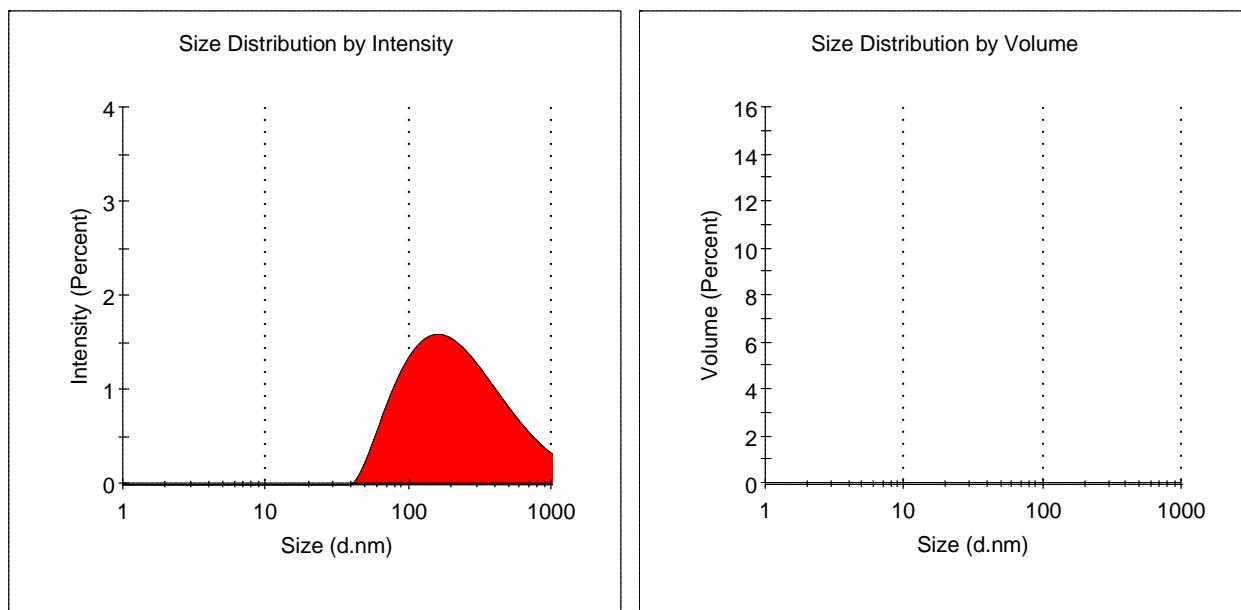
v2.2



Sample Details

Sample Name:	MPPASE 2 (well G3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	80	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:27:24	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	59.4	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	59.4	Peak 1:	72.6	332.6	156.3	400.0	120.3 5.29e5
Z-Avg (d.nm):	38.25	Peak 2:	26.0	0.4635	0.4630	0.05590	12.1 0.110
Pdl:	1.000	Peak 3:	1.4	4384	5744	809.5	18.5 2.21e8
Pd (d.nm):	38.25	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3360	Peak 1:	100.0	0.4444	0.4221	0.05473	12.3 0.0997
Merit (0 to 100):	4.11	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	119.14...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

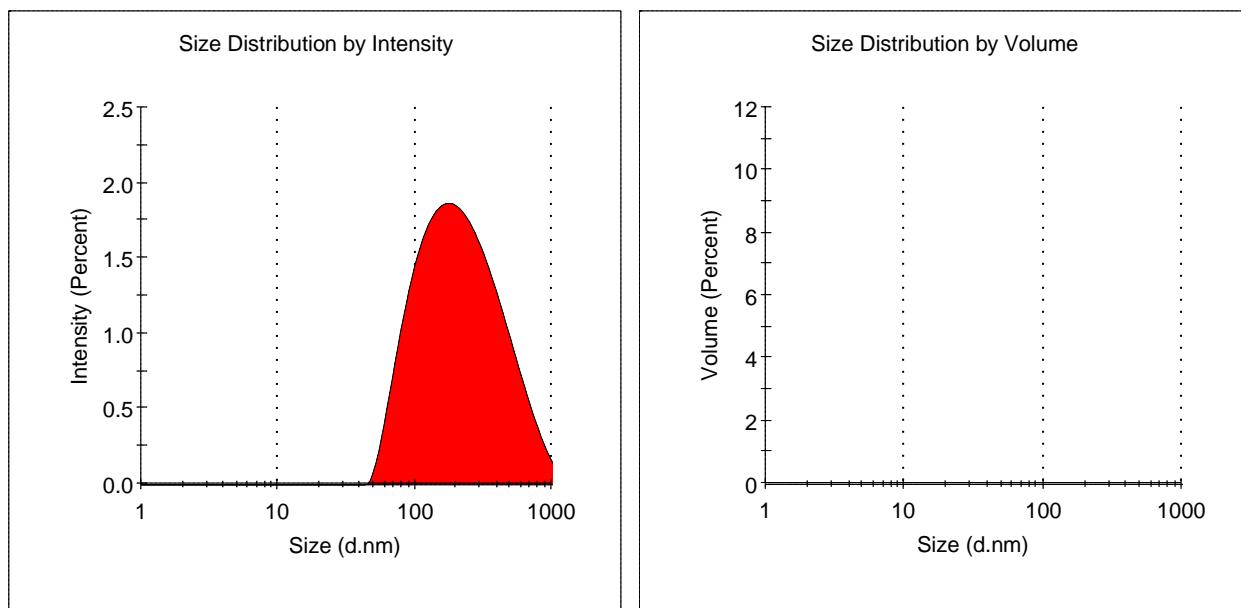
v2.2



Sample Details

Sample Name:	MPPASE 3 (well G3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	81	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:31:47	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	61.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	61.8	Peak 1:	75.7	256.9	179.5	186.9	72.8 2.89e5
Z-Avg (d.nm):	129.1	Peak 2:	19.9	0.5047	0.5078	0.07620	15.1 0.134
Pdl:	0.599	Peak 3:	4.4	4621	5744	822.9	17.8 2.50e8
Pd (d.nm):	99.96	Mass Distribution Results (M)					
%Polydispersity:	77.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	5.78e4	Peak 1:	100.0	0.4721	0.4421	0.07217	15.3 0.115
Merit (0 to 100):	5.33	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	57.794...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

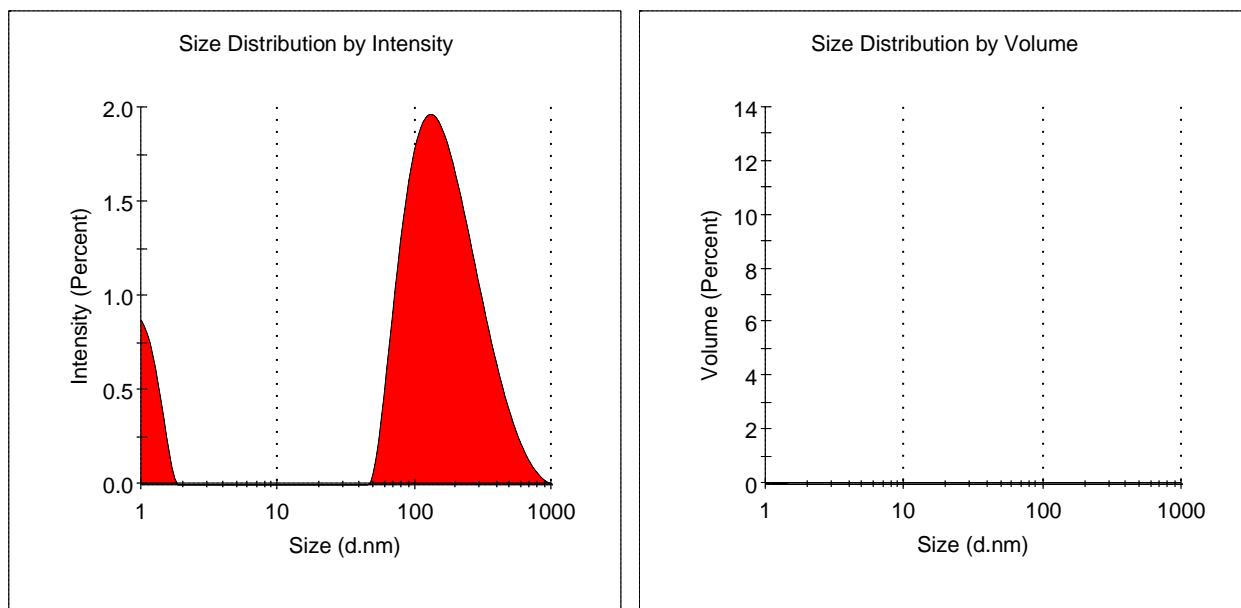
v2.2



Sample Details

Sample Name: MPPASE 1 (well G4) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 82 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 19:39:22 **Solvent Vis (cP):** 0.8872
Measurement quality: Rely on distribution only

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	51.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	51.2	Peak 1:	63.0	187.9	129.9	121.6	64.7 1.39e5
Z-Avg (d.nm):	25.04	Peak 2:	15.1	0.9763	0.8841	0.2538	26.0 0.629
Pdl:	1.000	Peak 3:	15.0	0.4403	0.5318	0.1169	26.6 0.0975
Pd (d.nm):	25.04	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1250	Peak 1:	88.1	0.1238	0.1055	0.02342	18.9 0.00501
Merit (0 to 100):	4.15	Peak 2:	11.9	0.3870	0.3055	0.1681	43.4 0.0721
Est %Vol Fraction*	608.23...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

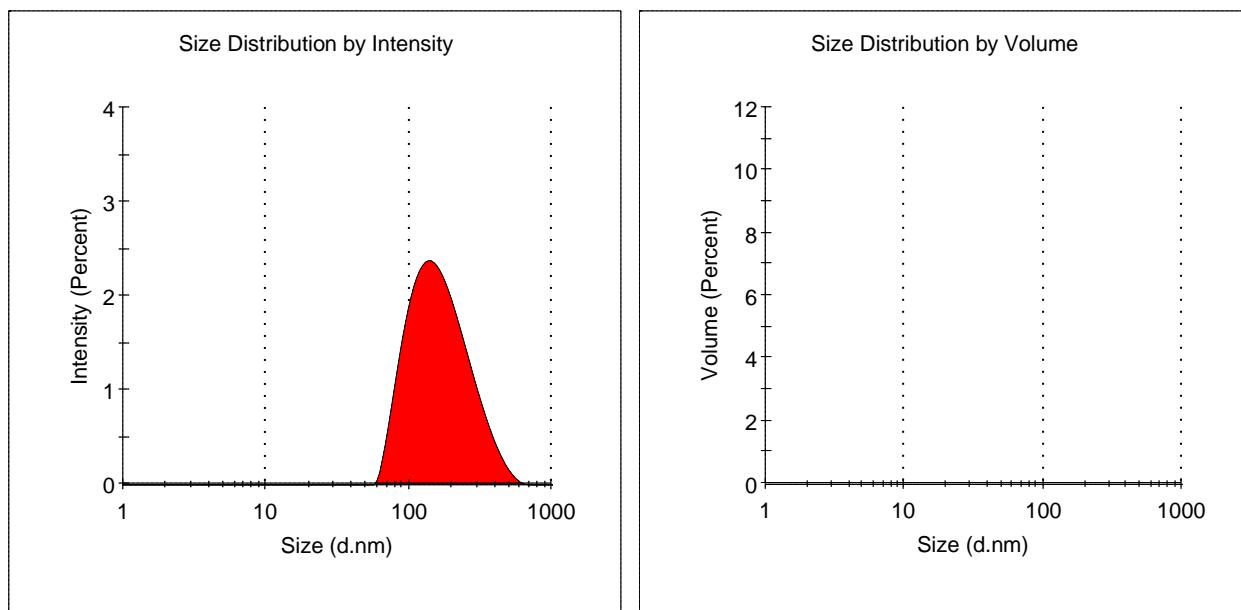
v2.2



Sample Details

Sample Name:	MPPASE 2 (well G4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	83	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:44:26	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	55.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	55.0	Peak 1:	62.8	176.4	136.1	87.10	49.4 1.20e5
Z-Avg (d.nm):	81.92	Peak 2:	31.6	0.3980	0.3848	0.06626	16.6 0.0770
Pdl:	0.664	Peak 3:	5.6	4401	5744	936.8	21.3 2.23e8
Pd (d.nm):	66.73	Mass Distribution Results (M)					
%Polydispersity:	81.5	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.99e4	Peak 1:	100.0	0.3683	0.3509	0.05991	16.3 0.0642
Merit (0 to 100):	5.30	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	197.96...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

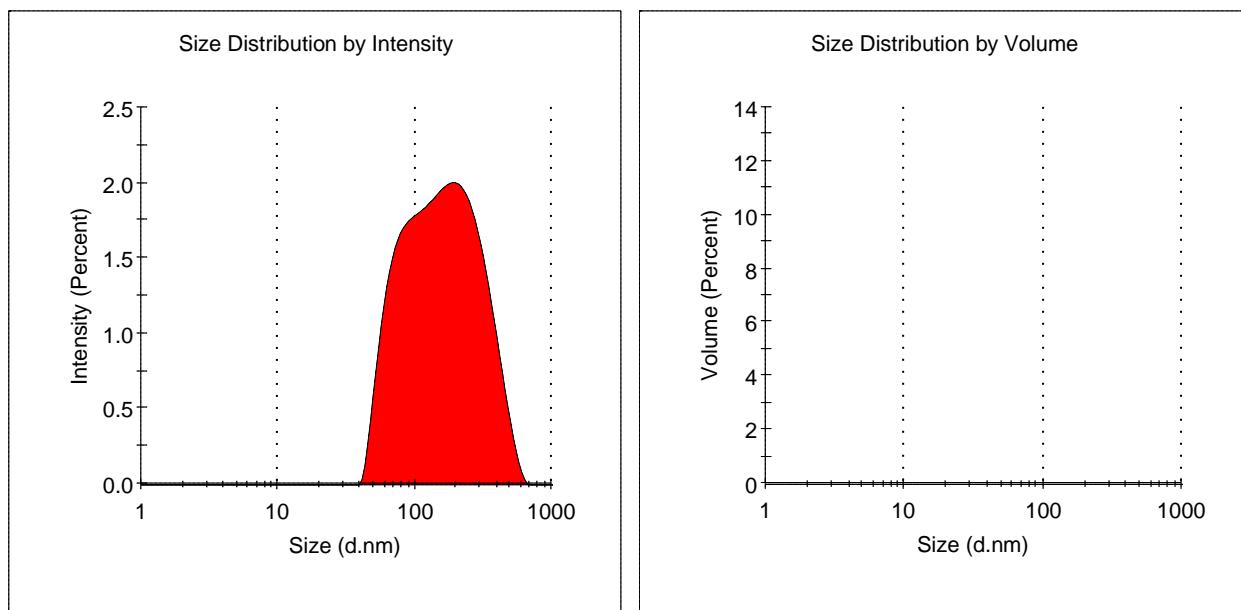
v2.2



Sample Details

Sample Name:	MPPASE 3 (well G4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	84	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:49:31	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	62.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	62.8	Peak 1:	79.7	181.2	188.0	110.0	60.7 1.28e5
Z-Avg (d.nm):	111.1	Peak 2:	18.4	0.5757	0.5833	0.07426	12.9 0.183
Pdl:	0.464	Peak 3:	1.9	5241	5744	443.8	8.5 3.35e8
Pd (d.nm):	75.69	Mass Distribution Results (M)					
%Polydispersity:	68.1	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	4.06e4	Peak 1:	100.0	0.5478	0.5318	0.07332	13.4 0.163
Merit (0 to 100):	8.04	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	36.671...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

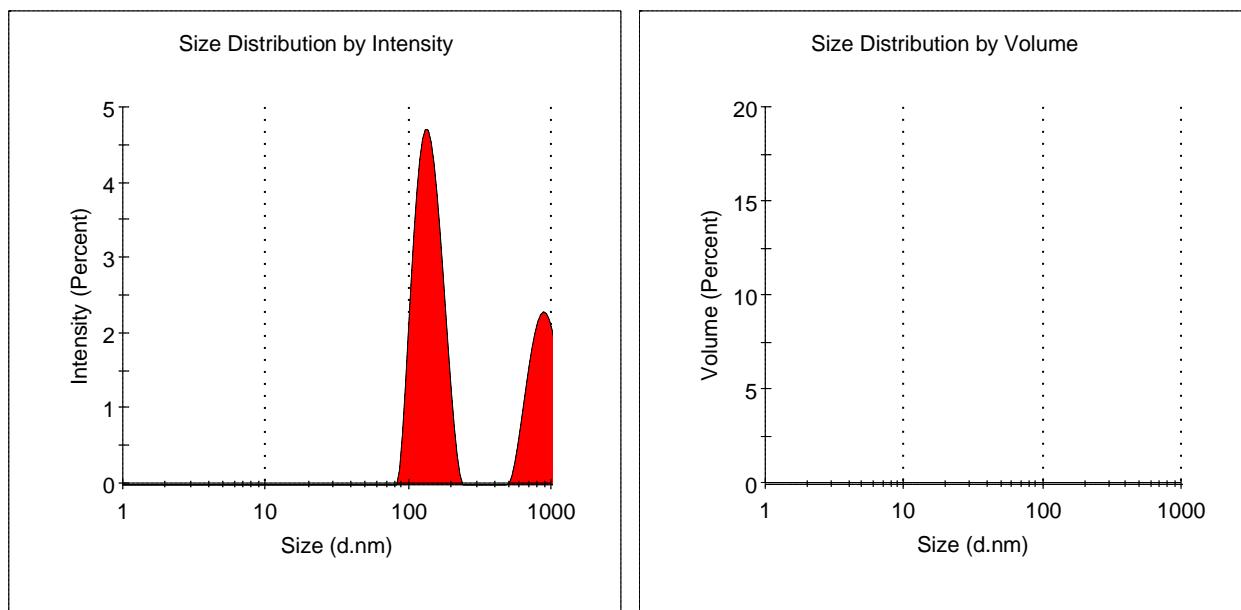
v2.2



Sample Details

Sample Name:	MPPASE 1 (well H1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	85	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:55:54	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	79.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	79.1	Peak 1:	57.7	138.2	129.9	28.27	20.5 6.78e4
Z-Avg (d.nm):	224.2	Peak 2:	30.4	888.2	863.9	194.6	21.9 5.27e6
Pdl:	0.740	Peak 3:	11.8	0.3367	0.3350	0.02919	8.7 0.0521
Pd (d.nm):	192.9	Mass Distribution Results (M)					
%Polydispersity:	86.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.10e5	Peak 1:	100.0	0.3295	0.3199	0.03018	9.2 0.0495
Merit (0 to 100):	19.3	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	88.145...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

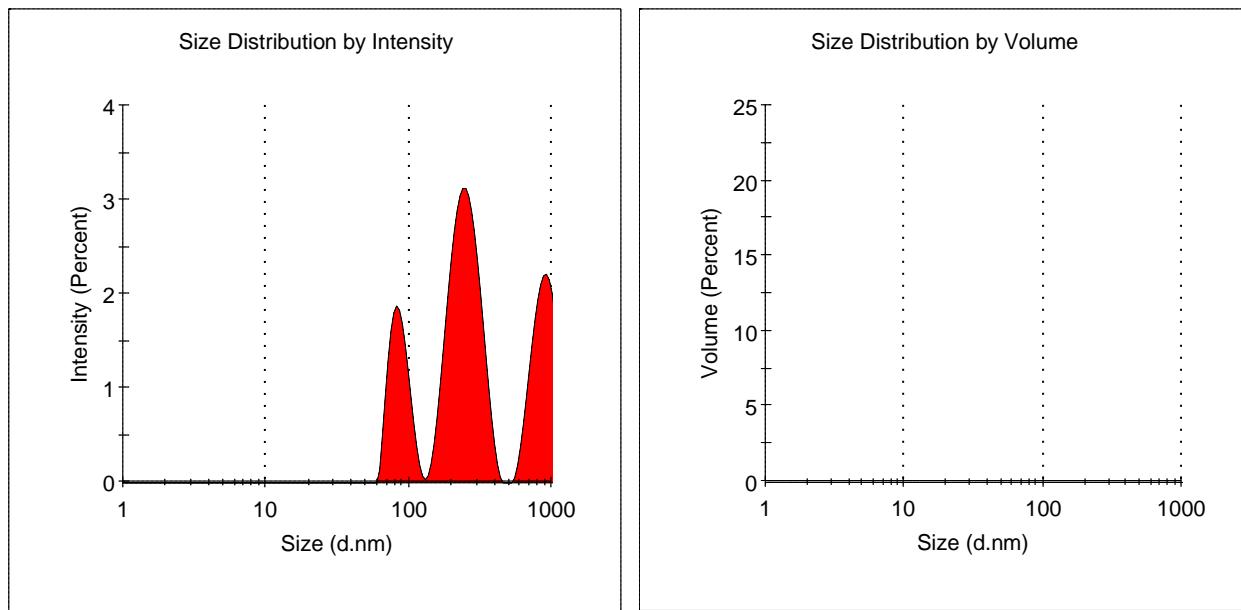
v2.2



Sample Details

Sample Name:	MPPASE 2 (well H1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	86	Solvent η :	1.330
Meas Date & Time:	29 September 2016 19:59:44	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	84.3	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	84.3	Peak 1:	43.1	248.7	236.9	57.42	23.1 2.68e5
Z-Avg (d.nm):	330.1	Peak 2:	25.3	895.3	904.7	168.2	18.8 5.37e6
Pdl:	0.760	Peak 3:	16.4	85.58	81.85	12.86	15.0 2.21e4
Pd (d.nm):	287.8	Mass Distribution Results (M)					
%Polydispersity:	87.2	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	5.20e5	Peak 1:	100.0	0.6159	0.6109	0.04806	7.8 0.214
Merit (0 to 100):	18.1	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	18.819...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

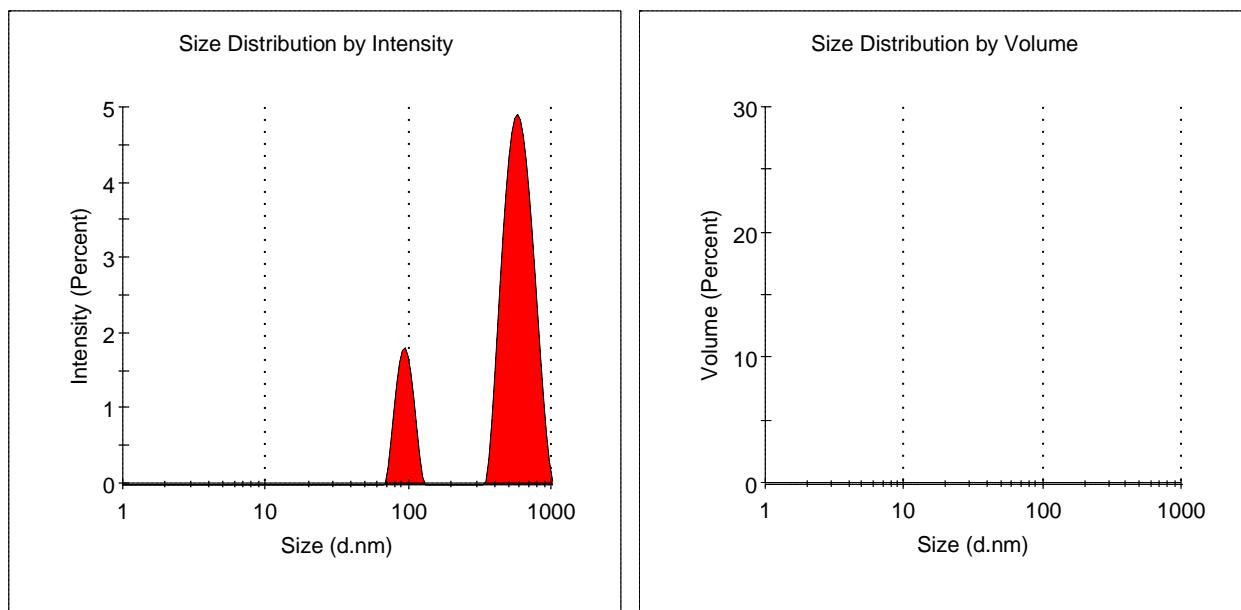
v2.2



Sample Details

Sample Name:	MPPASE 3 (well H1)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	87	Solvent η :	1.330
Meas Date & Time:	29 September 2016 20:03:35	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	107.6	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	107.6	Peak 1:	63.2	589.1	570.0	126.3	21.4 2.02e6
Z-Avg (d.nm):	595.9	Peak 2:	13.8	93.65	94.03	11.69	12.5 2.73e4
Pdl:	1.000	Peak 3:	11.8	5248	5744	435.0	8.3 3.36e8
Pd (d.nm):	595.9	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.07e6	Peak 1:	100.0	0.5151	0.5078	0.03447	6.7 0.141
Merit (0 to 100):	25.9	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	19.543...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

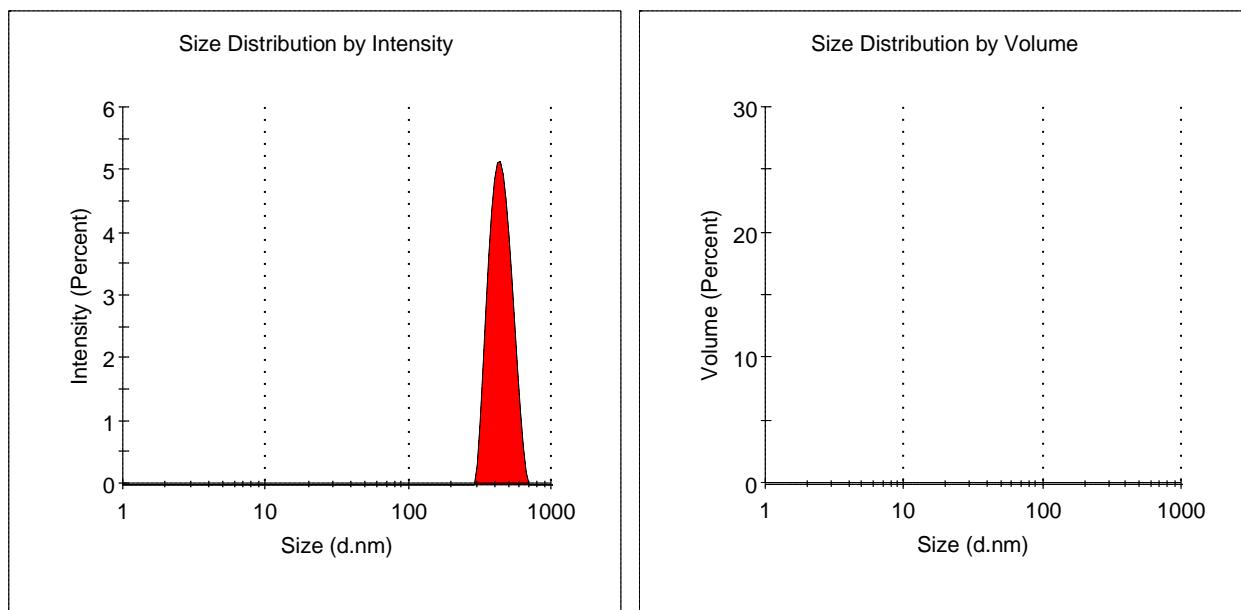
v2.2



Sample Details

Sample Name:	MPPASE 1 (well H2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	88	Solvent η :	1.330
Meas Date & Time:	29 September 2016 20:10:40	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	119.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	119.9	Peak 1:	52.1	438.1	432.0	73.96	16.9 1.01e6
Z-Avg (d.nm):	765.0	Peak 2:	42.4	4262	5744	973.7	22.8 2.07e8
Pdl:	1.000	Peak 3:	5.5	0.6069	0.6109	0.02828	4.7 0.207
Pd (d.nm):	765.0	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3.72e6	Peak 1:	100.0	0.6033	0.6109	0.03432	5.7 0.204
Merit (0 to 100):	33.6	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	3.52581	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

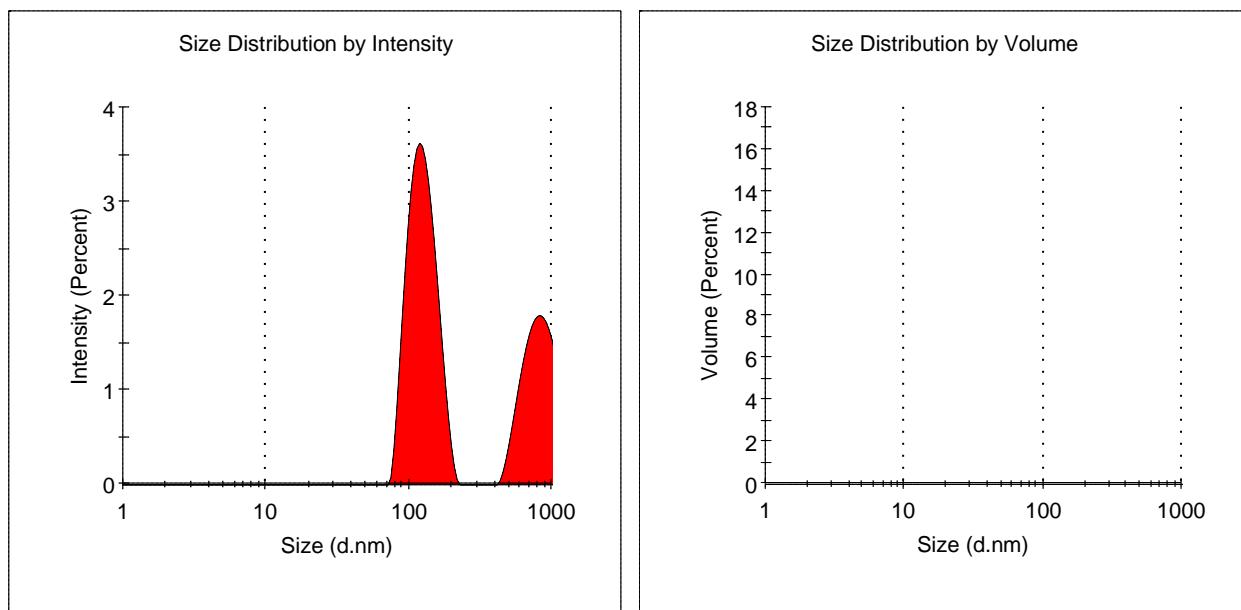
v2.2



Sample Details

Sample Name:	MPPASE 2 (well H2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	89	Solvent η :	1.330
Meas Date & Time:	29 September 2016 20:15:12	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	62.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	62.9	Peak 1:	46.7	125.4	118.5	27.24	21.7 5.41e4
Z-Avg (d.nm):	177.1	Peak 2:	29.5	856.5	824.9	234.6	27.4 4.84e6
Pdl:	0.823	Peak 3:	20.5	0.5907	0.5833	0.05253	8.9 0.194
Pd (d.nm):	160.6	Mass Distribution Results (M)					
%Polydispersity:	90.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.21e5	Peak 1:	100.0	0.5772	0.5570	0.05472	9.5 0.184
Merit (0 to 100):	10.1	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	31.548...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

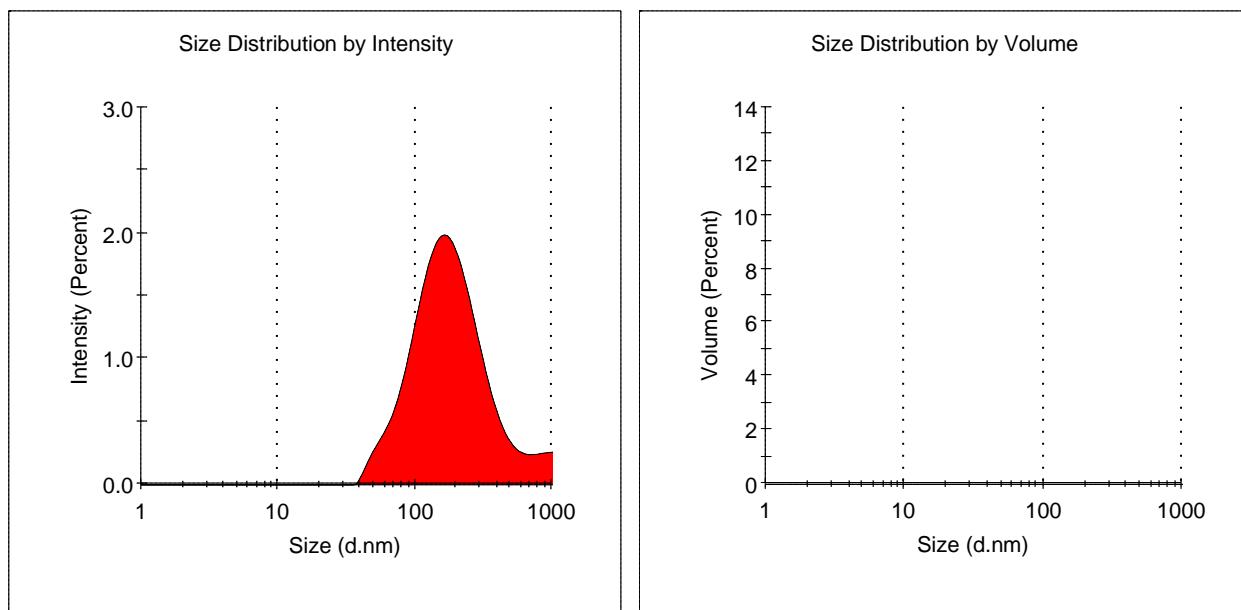
v2.2



Sample Details

Sample Name:	MPPASE 3 (well H2)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	90	Solvent η :	1.330
Meas Date & Time:	29 September 2016 20:19:45	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	58.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	58.9	Peak 1:	59.6	195.8	163.7	118.1	60.3 1.53e5
Z-Avg (d.nm):	145.6	Peak 2:	22.8	0.5574	0.5570	0.08099	14.5 0.169
Pdl:	0.701	Peak 3:	12.0	4070	5744	1141	28.0 1.86e8
Pd (d.nm):	121.9	Mass Distribution Results (M)					
%Polydispersity:	83.7	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	7.66e4	Peak 1:	100.0	0.5246	0.5078	0.07627	14.5 0.147
Merit (0 to 100):	7.80	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	40.779...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

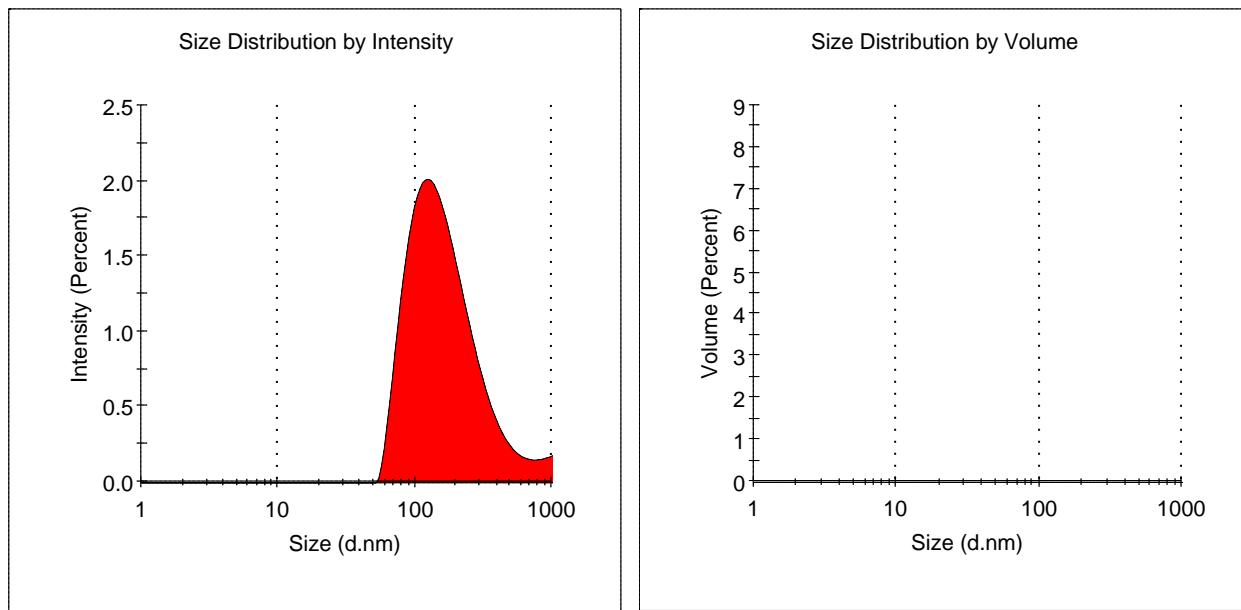
v2.2



Sample Details

Sample Name:	MPPASE 1 (well H3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	91	Solvent η :	1.330
Meas Date & Time:	29 September 2016 20:27:51	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	47.0	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	47.0	Peak 1:	56.4	179.0	124.1	114.7	64.1 1.24e5
Z-Avg (d.nm):	75.68	Peak 2:	31.3	0.5181	0.4849	0.1196	23.1 0.143
Pdl:	0.657	Peak 3:	12.3	2756	3969	1423	51.6 7.45e7
Pd (d.nm):	61.36	Mass Distribution Results (M)					
%Polydispersity:	81.1	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.66e4	Peak 1:	100.0	0.4483	0.4030	0.09768	21.8 0.102
Merit (0 to 100):	5.52	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	85.342...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

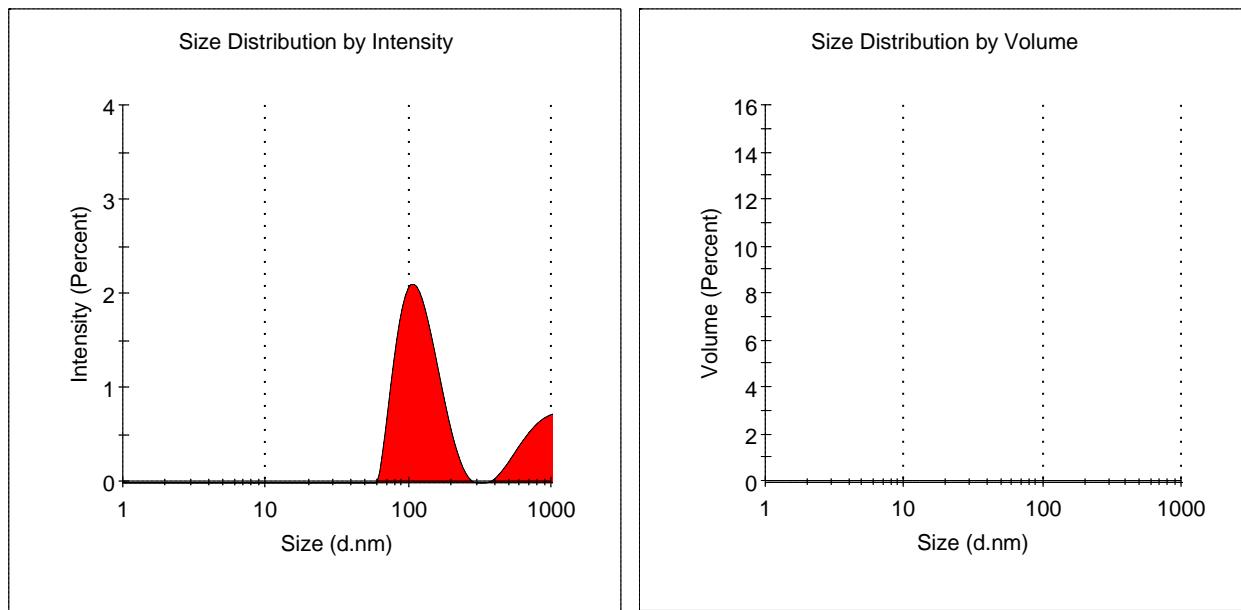
v2.2



Sample Details

Sample Name:	MPPASE 2 (well H3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	92	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 20:33:27	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	47.2	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	47.2	Peak 1:	36.7	120.4	108.0	37.35	31.0 4.91e4
Z-Avg (d.nm):	74.36	Peak 2:	25.6	1641	1140	1087	66.2 2.22e7
Pdl:	0.663	Peak 3:	23.4	0.6650	0.6700	0.07836	11.8 0.256
Pd (d.nm):	60.53	Mass Distribution Results (M)					
%Polydispersity:	81.4	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.59e4	Peak 1:	98.4	0.1376	0.1330	0.01505	10.9 0.00642
Merit (0 to 100):	5.38	Peak 2:	1.6	0.6382	0.6109	0.07809	12.2 0.233
Est %Vol Fraction*	2083.0...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

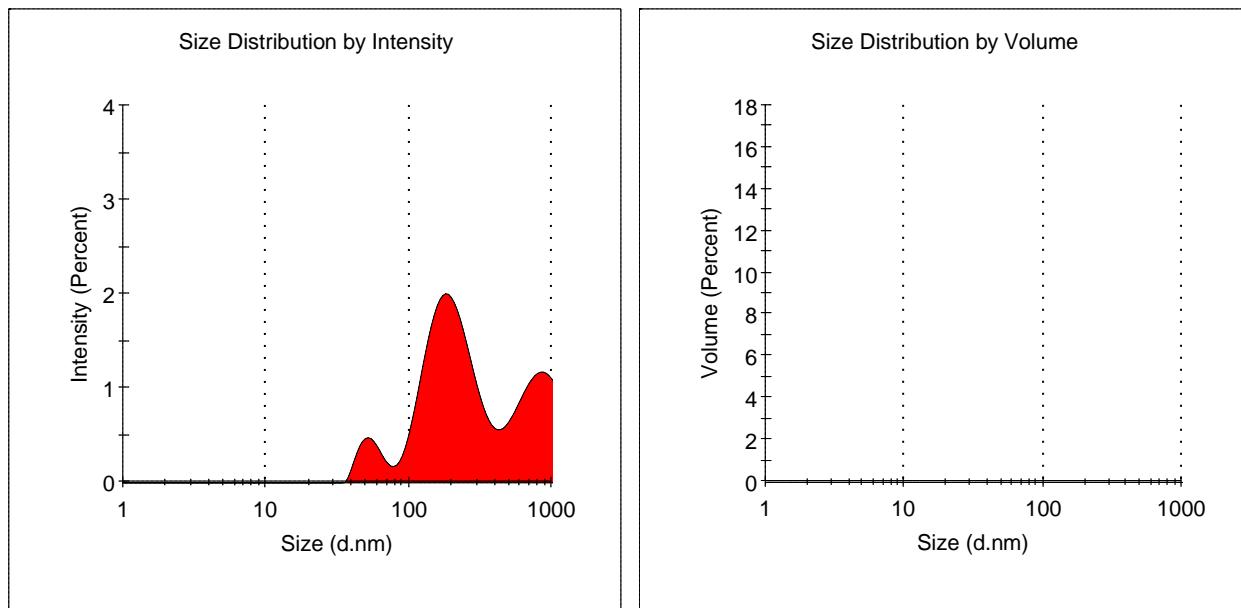
v2.2



Sample Details

Sample Name:	MPPASE 3 (well H3)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	93	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 20:39:03	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
		%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
CR (kcps):	60.5						
Derived CR (kcp...)	60.5	Peak 1:	42.9	205.7	179.5	79.65	38.7 1.72e5
Z-Avg (d.nm):	246.6	Peak 2:	25.1	881.6	863.9	312.9	35.5 5.18e6
Pdl:	0.857	Peak 3:	17.8	0.4908	0.4849	0.04558	9.3 0.126
Pd (d.nm):	228.3	Mass Distribution Results (M)					
%Polydispersity:	92.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	2.63e5	Peak 1:	100.0	0.4786	0.4630	0.04682	9.8 0.119
Merit (0 to 100):	13.4	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	42.749...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

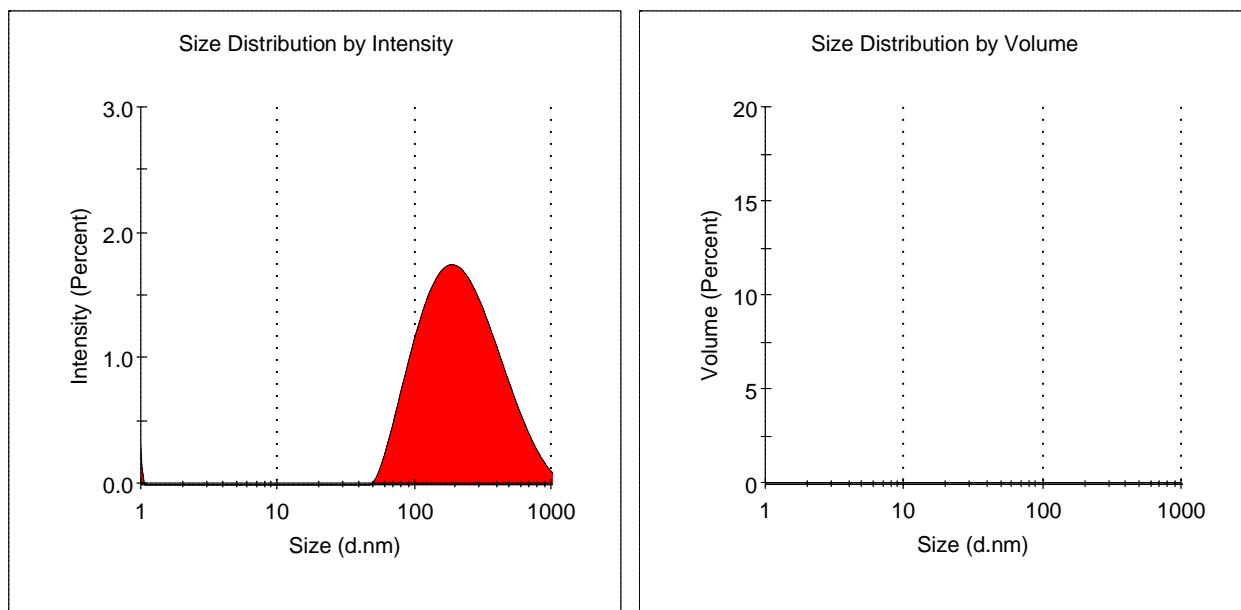
v2.2



Sample Details

Sample Name:	MPPASE 1 (well H4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	94	Solvent n̄:	1.330
Meas Date & Time:	29 September 2016 20:47:22	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	46.8	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	46.8	Peak 1:	64.6	252.8	188.0	173.8	68.8 2.79e5
Z-Avg (d.nm):	41.33	Peak 2:	24.2	0.7387	0.7349	0.1054	14.3 0.327
Pdl:	1.000	Peak 3:	9.3	0.1167	0.1105	0.01199	10.3 0.00436
Pd (d.nm):	41.33	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	4020	Peak 1:	98.9	0.1134	0.1055	0.01155	10.2 0.00408
Merit (0 to 100):	6.60	Peak 2:	1.1	0.6957	0.6700	0.1014	14.6 0.284
Est %Vol Fraction*	1801.0...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

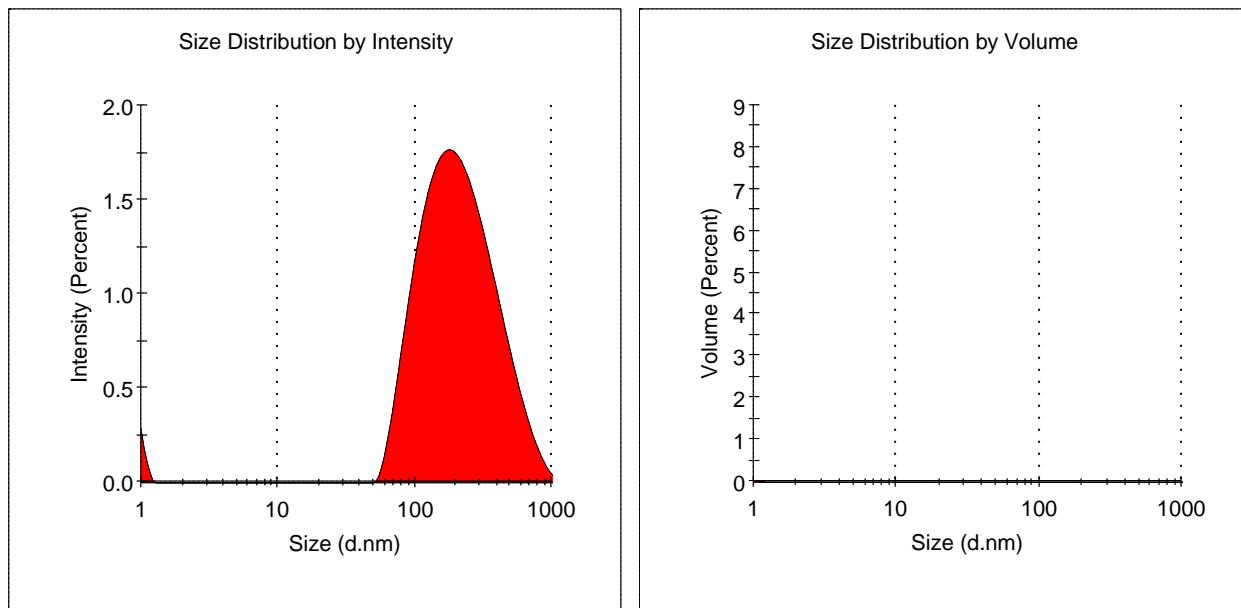
v2.2



Sample Details

Sample Name: MPPASE 2 (well H4) **Temperature (°C):** 25.0
File Name: Malaria.dts **Solvent:** Water
Record Number: 95 **Solvent n̄:** 1.330
Meas Date & Time: 29 September 2016 20:53:08 **Solvent Vis (cP):** 0.8872
Measurement quality: Rely on distribution only

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	46.1	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	46.1	Peak 1:	61.6	241.4	179.5	155.3	64.3 2.50e5
Z-Avg (d.nm):	41.16	Peak 2:	35.5	0.4966	0.3848	0.1832	36.9 0.129
Pdl:	0.960	Peak 3:	2.9	4476	5744	893.6	20.0 2.32e8
Pd (d.nm):	40.34	Mass Distribution Results (M)					
%Polydispersity:	98.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	3990	Peak 1:	100.0	0.3694	0.3055	0.1069	28.9 0.0647
Merit (0 to 100):	6.35	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	138.52...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

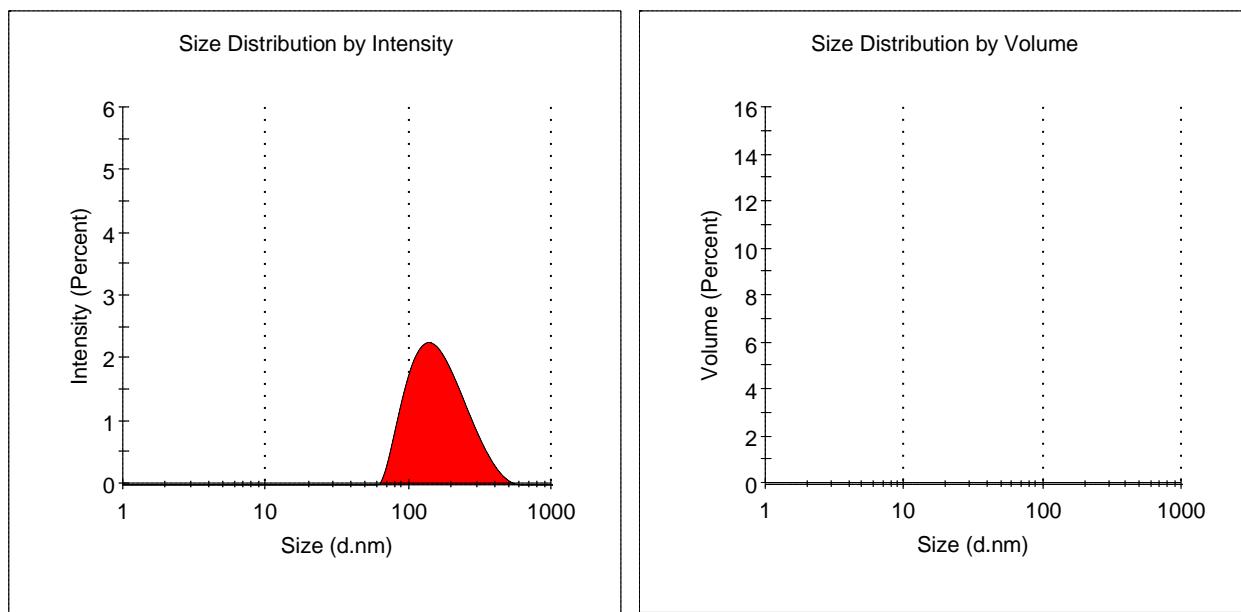
v2.2



Sample Details

Sample Name:	MPPASE 3 (well H4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	96	Solvent η :	1.330
Meas Date & Time:	29 September 2016 20:58:54	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	44.9	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	44.9	Peak 1:	55.5	171.2	136.1	77.41	45.2 1.12e5
Z-Avg (d.nm):	20.15	Peak 2:	39.9	0.5509	0.5570	0.06396	11.6 0.165
Pdl:	0.973	Peak 3:	4.6	4269	5744	993.8	23.3 2.08e8
Pd (d.nm):	19.87	Mass Distribution Results (M)					
%Polydispersity:	98.6	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	749	Peak 1:	100.0	0.5295	0.5078	0.06359	12.0 0.150
Merit (0 to 100):	4.18	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	105.83...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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Protein Particle Size Distribution Report

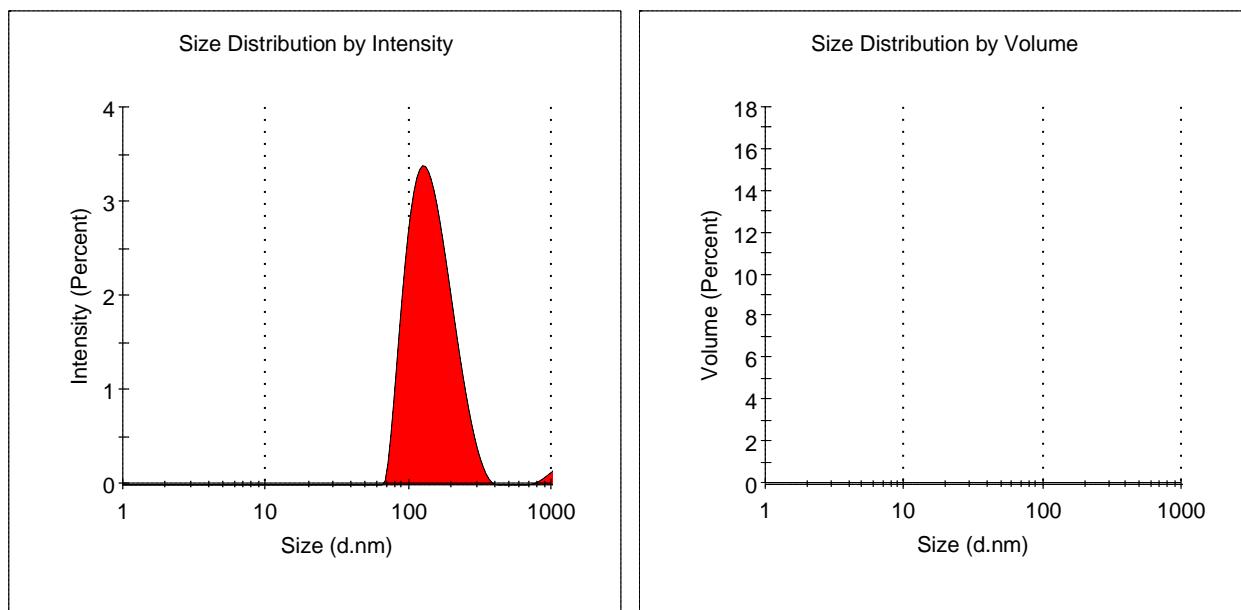
v2.2



Sample Details

Sample Name:	MPPASE 3 (well E4)	Temperature (°C):	25.0
File Name:	Malaria.dts	Solvent:	Water
Record Number:	60	Solvent η :	1.330
Meas Date & Time:	29 September 2016 17:57:53	Solvent Vis (cP):	0.8872
Measurement quality: Rely on distribution only			

Cumulant Results		Intensity Distribution Results (I)					
CR (kcps):	60.5	%I	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Derived CR (kcp...:	60.5	Peak 1:	65.4	147.7	124.1	52.01	35.2 7.92e4
Z-Avg (d.nm):	67.27	Peak 2:	20.8	0.6424	0.6398	0.05811	9.0 0.236
Pdl:	1.000	Peak 3:	13.8	2687	2387	1268	47.2 7.02e7
Pd (d.nm):	67.27	Mass Distribution Results (M)					
%Polydispersity:	100.0	%M	Mean (d.nm):	Mode (d.nm):	Pk SD (d.nm):	%Pd	MW (kDa)*
Est MW (kDa):	1.26e4	Peak 1:	100.0	0.6273	0.6109	0.06013	9.6 0.223
Merit (0 to 100):	5.80	Peak 2:	0.0	0.000	0.000	0.000	0 0.00
Est %Vol Fraction*	35.058...	Peak 3:	0.0	0.000	0.000	0.000	0 0.00



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