

Size Distribution Report by Intensity

v2.2



Sample Details

Sample Name: ETL1 (E)
SOP Name: mansettings.nano
General Notes:

File Name: Results.dts	Dispersant Name: PBS
Record Number: 4949	Dispersant RI: 1.330
Material RI: 1.59	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Tuesday, September 03, 2019...

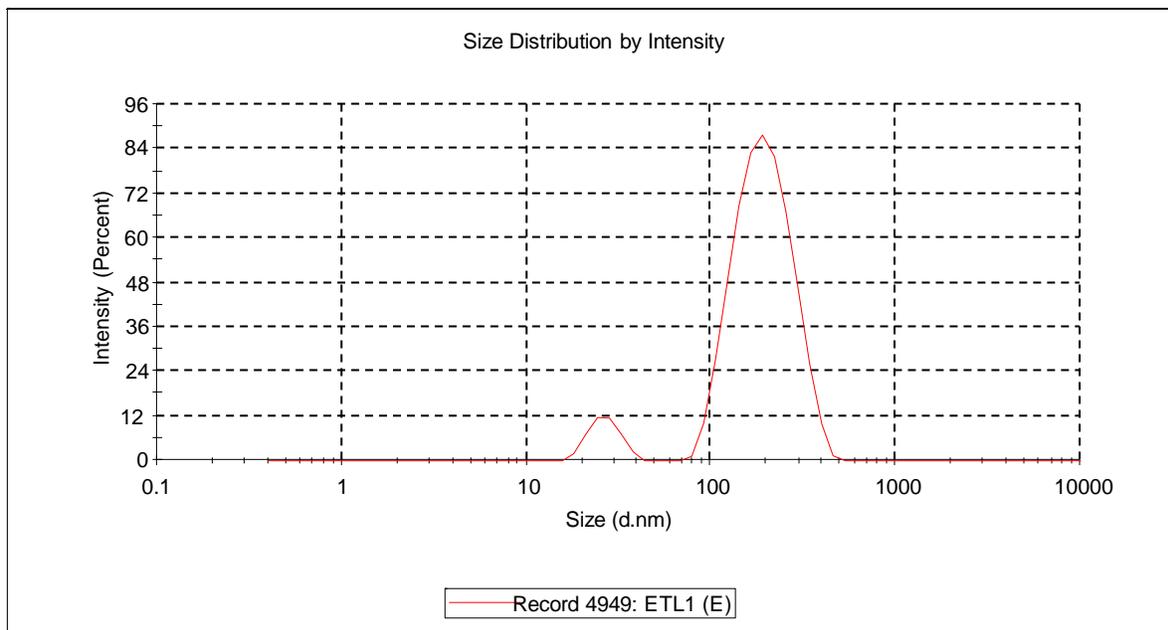
System

Temperature (°C): 25.0	Duration Used (s): 100
Count Rate (kcps): 99.2	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 11

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm)
Z-Average (d.nm): 115.1	Peak 1: 200.8	86.1	69.21
Pdl: 0.266	Peak 2: 26.77	11.9	4.898
Intercept: 0.807	Peak 3: 0.000	0.0	0.000

Result quality : **Good**



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Sample Details

Sample Name: ETL-1 (NE)
SOP Name: mansettings.nano
General Notes:

File Name: Results.dts	Dispersant Name: PBS
Record Number: 4950	Dispersant RI: 1.330
Material RI: 1.59	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Tuesday, September 03, 2019...

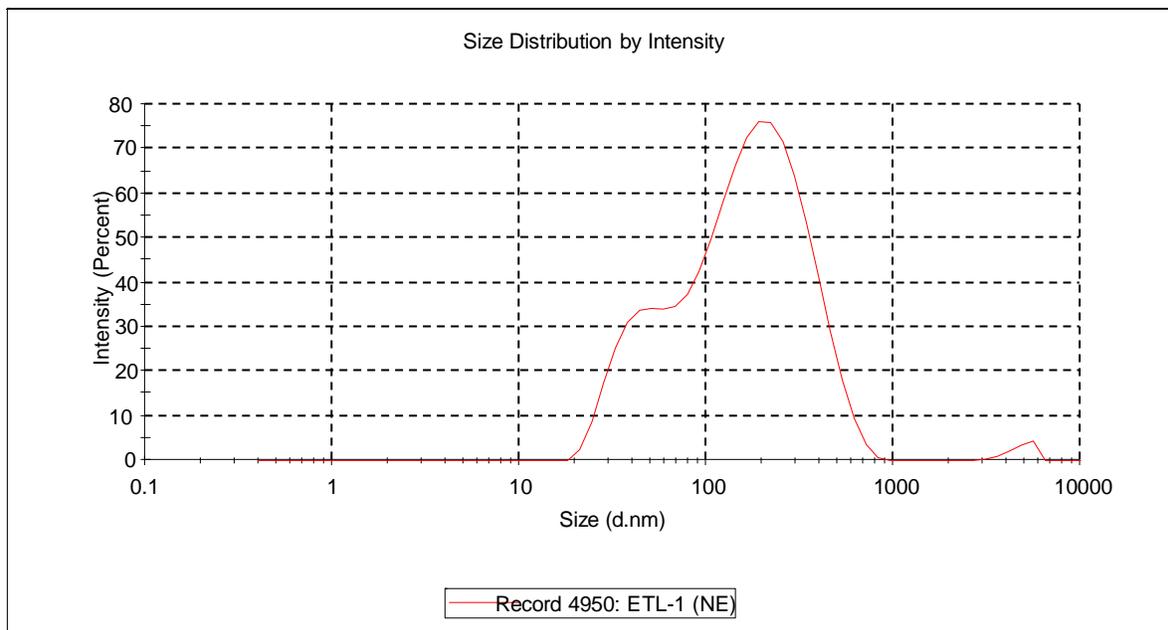
System

Temperature (°C): 25.0	Duration Used (s): 100
Count Rate (kcps): 189.1	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 11

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm)
Z-Average (d.nm): 152.7	Peak 1: 214.5	78.9	127.2
Pdl: 0.422	Peak 2: 42.65	18.0	10.85
Intercept: 0.882	Peak 3: 4826	1.1	713.1

Result quality : **Good**



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Sample Details

Sample Name: ETL-2 (E)
SOP Name: mansetting.nano
General Notes:

File Name: Results.dts	Dispersant Name: PBS
Record Number: 5346	Dispersant RI: 1.330
Material RI: 1.59	Viscosity (cP): 0.8872
Material Absorbtion:	Measurement Date and Time: Monday, October 07, 2019 2:4...

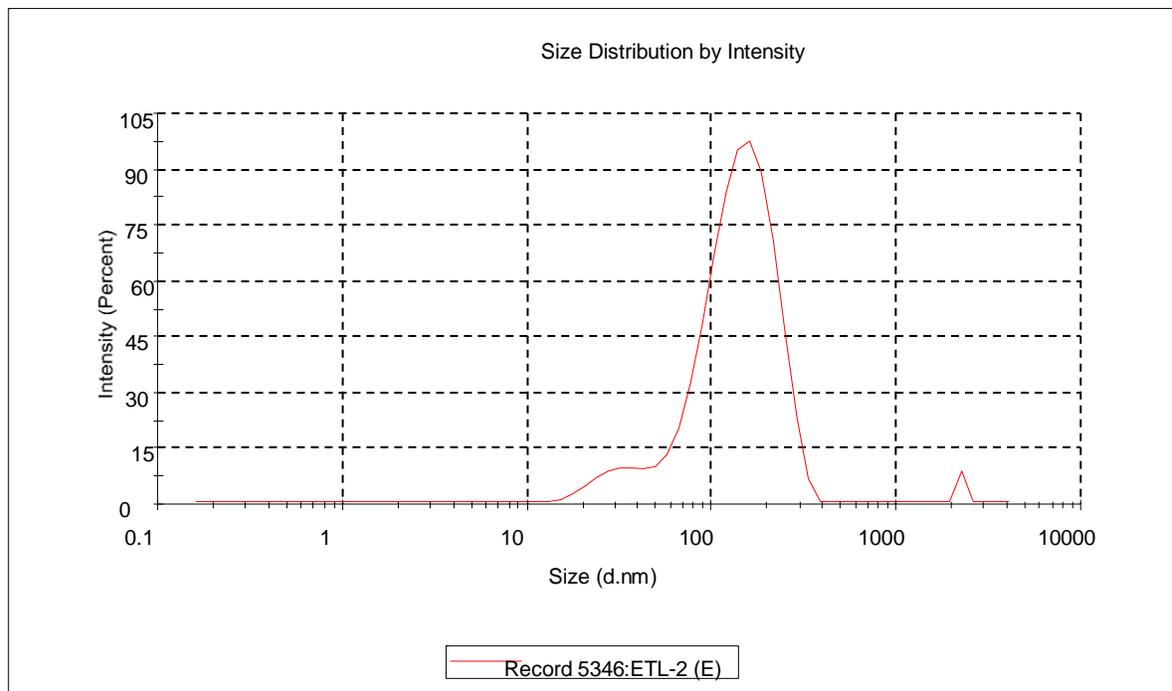
System

Temperature (°C): 25.0	Duration Used(s): 70
Count Rate (kcps): 210.6	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 151.8	Peak 1: 173.8	92.6	148.2
PdI: 0.352	Peak 2: 77.19	6.3	19.22
Intercept: 0.959	Peak 3: 2560	1.1	0.000

Result quality : Good



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Sample Details

Sample Name: ETL-2 (NE)
SOP Name: mansettings.nano
General Notes:

File Name: Results.dts	Dispersant Name: PBS
Record Number: 3078	Dispersant RI: 1.330
Material RI: 1.59	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Friday, March 15, 2019 11:41:...

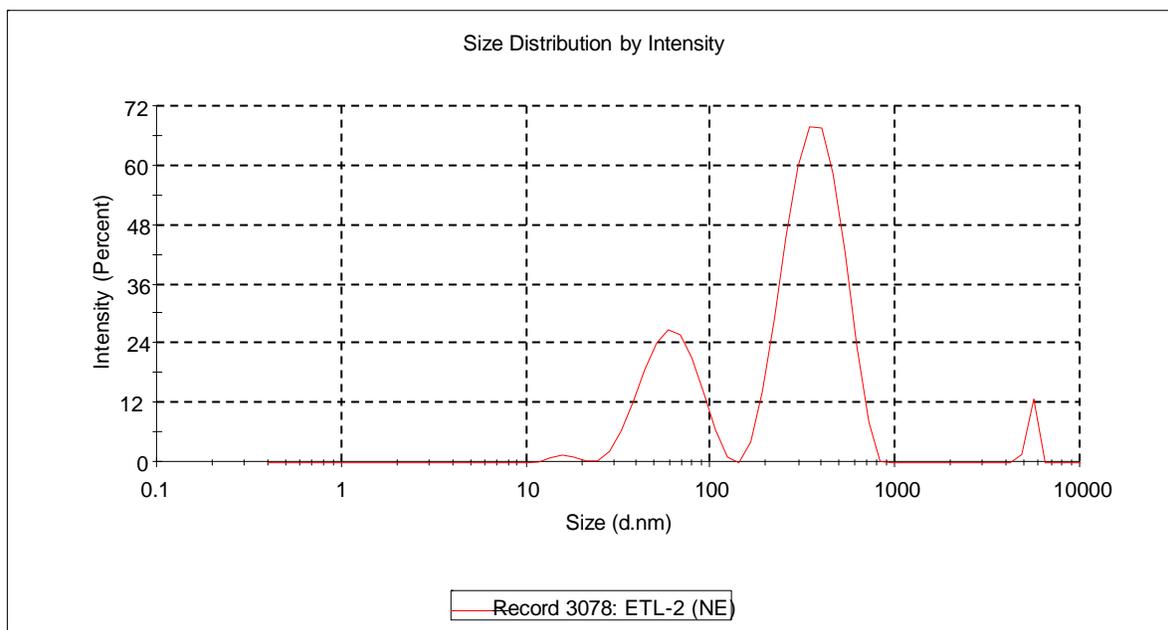
System

Temperature (°C): 25.0	Duration Used (s): 60
Count Rate (kcps): 443.4	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 11

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm)
Z-Average (d.nm): 220.9	Peak 1: 377.2	70.1	122.4
Pdl: 0.615	Peak 2: 61.94	26.8	19.70
Intercept: 0.871	Peak 3: 5471	11.4	243.8

Result quality : Refer to quality report



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Sample Details

Sample Name: ETL-3 (E)

SOP Name: mansettings.nano

General Notes:

File Name: Results.dts

Record Number: 5347

Material RI: 1.59

Material Absorbtion: 0.010

Dispersant Name: PBS

Dispersant RI: 1.330

Viscosity (cP): 0.8872

Measurement Date and Time: Monday, October 07, 2019

System

Temperature (°C): 25.0

Count Rate (kcps): 203.5

Cell Description: Disposable sizing cuvette

Duration Used (s): 70

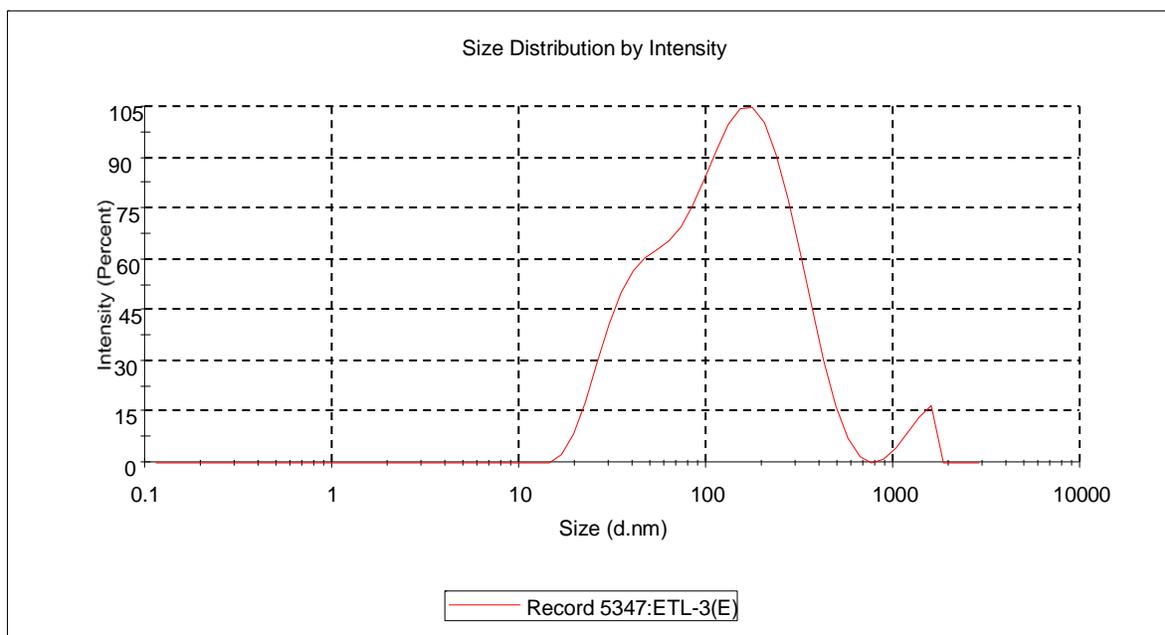
Measurement Position (mm): 4.65

Attenuator: 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 182.9	Peak 1: 152.7	97.0	385.8
Pdl: 0.425	Peak 2: 1798	16.0	717.9
Intercept: 0.943	Peak 3: 0.000	0.0	0.000

Result quality : **Good**



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Sample Details

Sample Name: ETL-3 (NE)
SOP Name: mansettings.nano
General Notes:

File Name: Example Results.dts **Dispersant Name:** PBS
Record Number: 2000 **Dispersant RI:** 1.330
Material RI: 1.59 **Viscosity (cP):** 0.8872
Material Absorbtion: 0.010 **Measurement Date and Time:** Tuesday, July 30, 2019 11:19:...

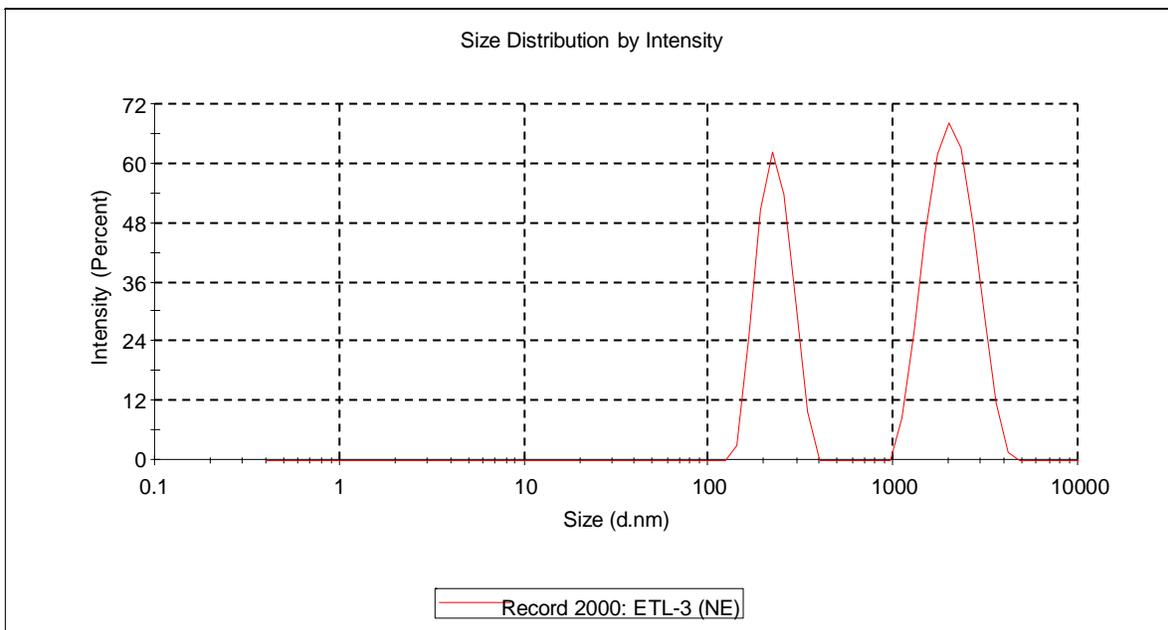
System

Temperature (°C): 25.0 **Duration Used (s):** 60
Count Rate (kcps): 399.9 **Measurement Position (mm):** 4.65
Cell Description: Disposable sizing cuvette **Attenuator:** 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm):
Z-Average (d.nm): 510.8	Peak 1: 2103	70.6	603.5
Pdl: 0.617	Peak 2: 229.8	61.4	46.57
Intercept: 0.930	Peak 3: 0.000	0.0	0.000

Result quality : **Good**



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Sample Details

Sample Name: MTL 1 (E)

SOP Name: mansettings.nano

General Notes:

File Name: Example Results.dts

Record Number: 1989

Material RI: 1.59

Material Absorbtion: 0.010

Dispersant Name: PBS

Dispersant RI: 1.330

Viscosity(cP): 0.8872

Measurement Date and Time: Tuesday, July 30, 2019 10:24.

System

Temperature (°C): 25.0

Count Rate (kcps): 121.7

Cell Description: Disposable sizing cuvette

Duration Used (s): 80

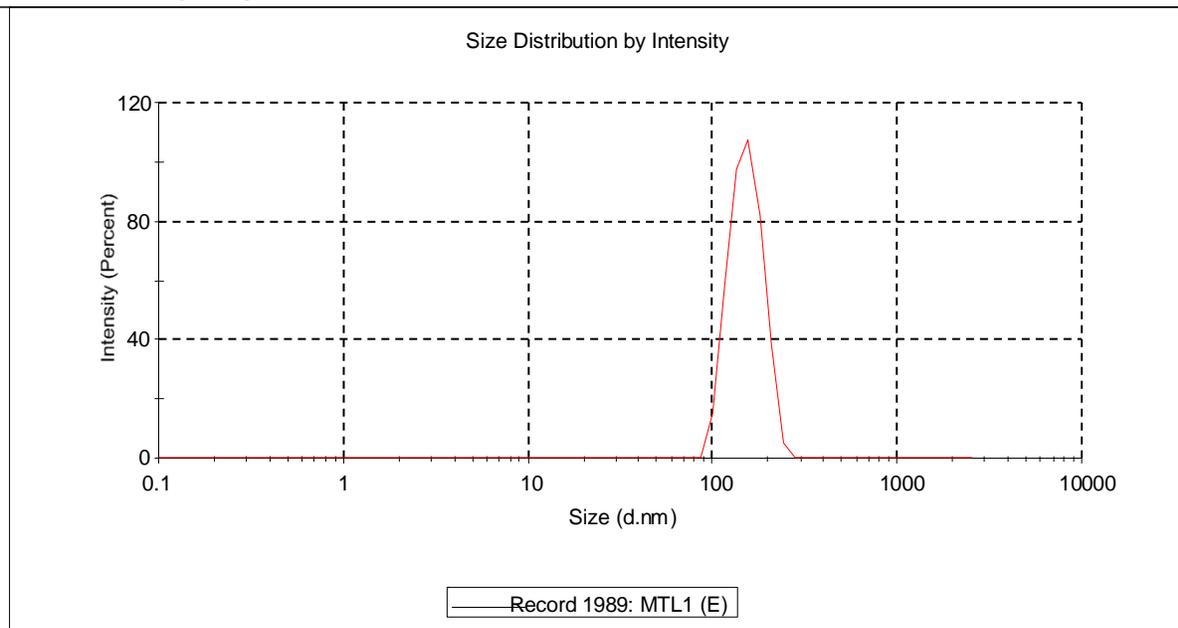
Measurement Position (mm): 4.65

Attenuator: 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.n...)
Z-Average (d.nm): 147.4	Peak 1: 147.4	100.0	120.1
Pdl: 0.218	Peak 2: 0.000	0.0	0.000
Intercept: 0.765	Peak 3: 0.000	0.0	0.000

Result quality: Good



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Sample Details

Sample Name: MTL 1 (NE)

SOP Name: particle size.sop

General Notes: Sample(s) was tested according to information provided by customer.

File Name: Results.dts	Dispersant Name: PBS
Record Number: 5041	Dispersant RI: 1.330
Material RI: 1.59	Viscosity (cP): 0.8872
Material Absorbtion: 0.010	Measurement Date and Time: Friday, September 13, 2019 1...

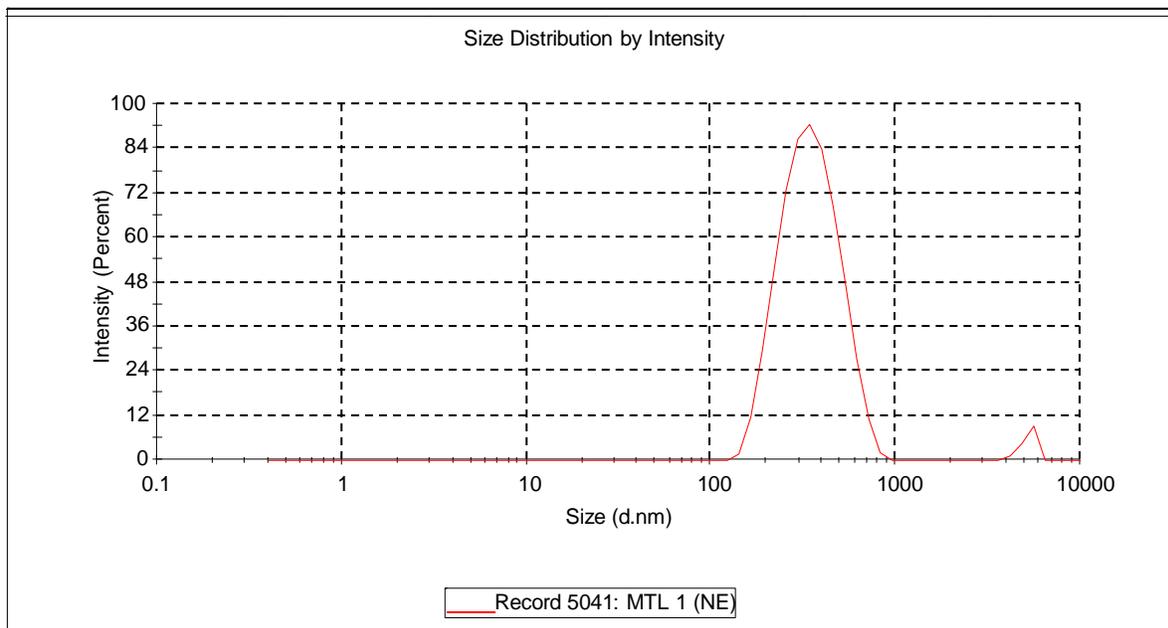
System

Temperature (°C): 25.0	Duration Used (s): 60
Count Rate (kcps): 380.6	Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette	Attenuator: 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.n...
Z-Average (d.nm): 318.5	Peak 1: 360.2	87.5	126.8
Pdl: 0.293	Peak 2: 5223	9.5	460.3
Intercept: 0.893	Peak 3: 0.000	0.0	0.000

Result quality : **Good**



Size Distribution Report by Intensity

v2.2



Sample Details

Sample Name: MTL 2 (E)

SOP Name: mansettings.nano

General Notes:

File Name: Results.dts

Record Number: 5041

Material RI: 1.59

Material Absorbtion: 0.010

Dispersant Name: PBS

Dispersant RI: 1.330

Viscosity(cP): 0.8872

Measurement Date and Time: Friday, September 13, 2019

System

Temperature (°C): 25.0

Count Rate (kcps): 380.6

Cell Description: Disposable sizing cuvette

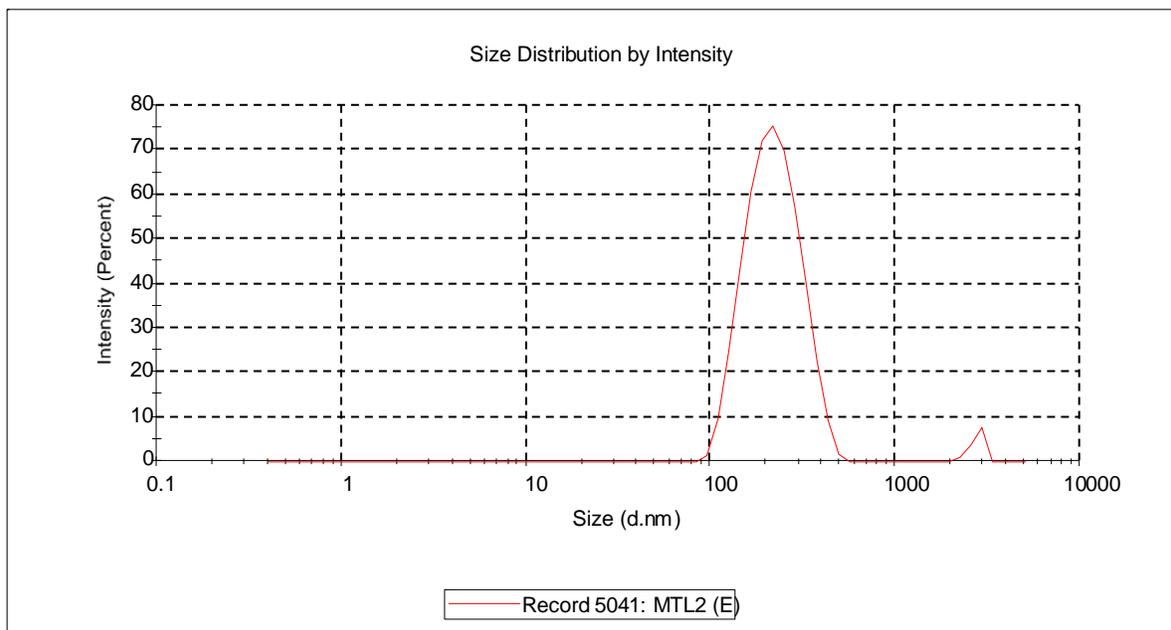
Duration Used (s): 60

Measurement Position (mm): 4.65

Attenuator: 10

Results

Z-Average (d.nm):	167.5	Size (d.nm):	% Intensity:	St Dev (d.n....	
Pdl:	0.293	Peak 1:	170.2	70.3	97.5
Intercept:	0.893	Peak 2:	2223	2.54	126.8
Result quality:	Good	Peak 3:	0.000	0.0	0.00



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Sample Details

Sample Name: MTL 2 (NE)

SOP Name: mansettings.nano

General Notes:

File Name: Example Results.dts

Record Number: 1358

Material RI: 1.59

Material Absorbtion: 0.010

Dispersant Name: PBS

Dispersant RI: 1.330

Viscosity(cP): 0.8872

Measurement Date and Time: Tuesday, July 30, 2019 10:24.

System

Temperature (°C): 25.0

Count Rate (kcps): 132.2

Cell Description: Disposable sizing cuvette

Duration Used (s): 70

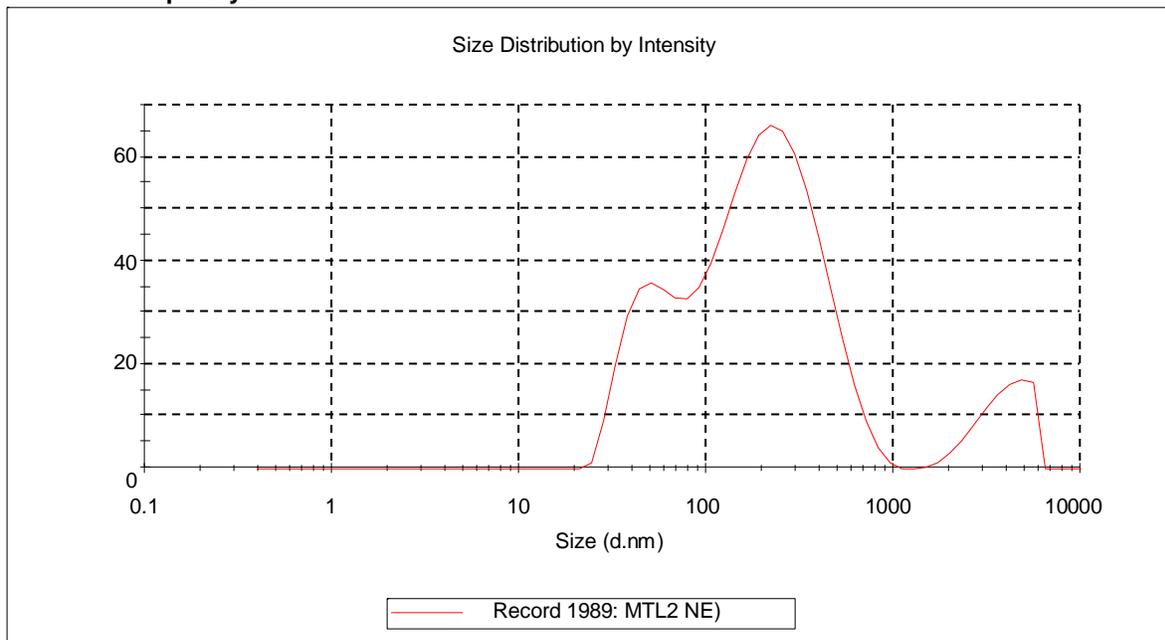
Measurement Position (mm): 0.65

Attenuator: 5

Results

	Size (d.nm):	% Intensity:	St Dev (d.n...)
Z-Average (d.nm): 341.4	Peak 1: 253.8	68.7	149.0
Pdl: 0.465	Peak 2: 53.12	32.2	15.47
Intercept: 0.901	Peak 3: 3955	19.1	1102

Result quality : **Good**



Size Distribution Report by Intensity

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Sample Details

Sample Name: MTL 3 (NE)

SOP Name: mansettings.nano

General Notes:

File Name: Results.dts

Record Number: 1358

Material RI: 1.59

Material Absorbtion: 0.010

Dispersant Name: PBS

Dispersant RI: 1.330

Viscosity (cP): 1.1442

Measurement Date and Time: Tuesday, December 24, 2019...

System

Temperature (°C): 25.0

Count Rate (kcps): 242.0

Cell Description: Disposable sizing cuvette

Duration Used (s): 70

Measurement Position (mm): 0.65

Attenuator: 5

Results

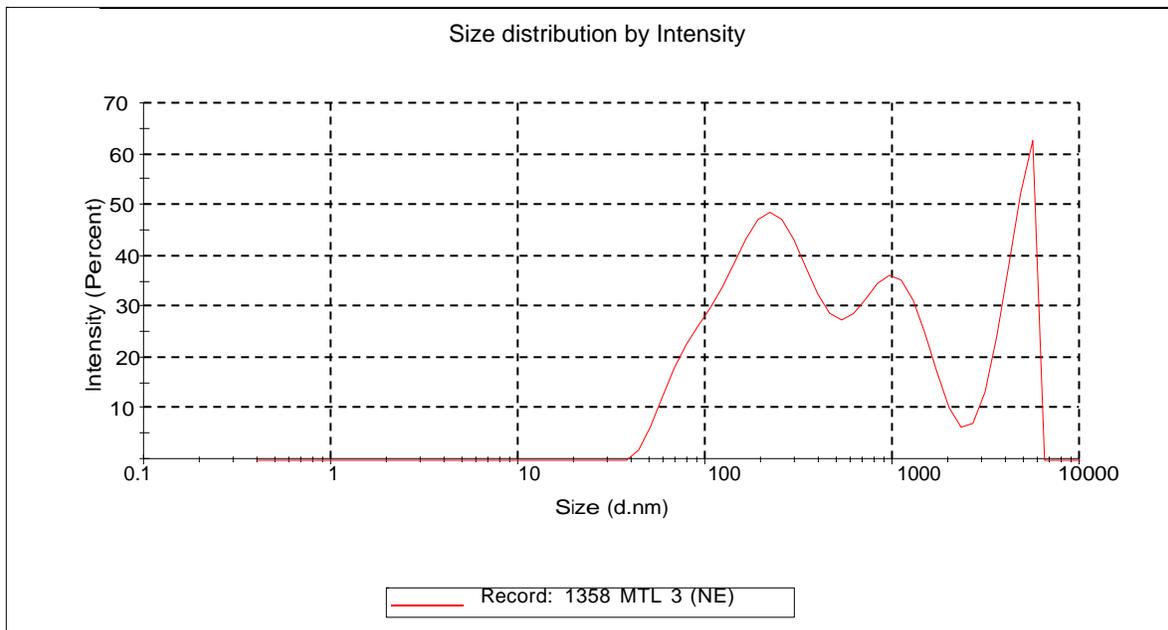
Z-Average (d.nm): 345.9

Pdl: 0.830

Intercept: 0.903

Result quality: Good

	Size (d.nm):	% Intensity:	St Dev (d.nm):
Peak 1:	213.5	49.5	203.2
Peak 2:	901.2	35.0	121.4
Peak 3:	5332	60.1	9.6



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Sample Details

Sample Name: MTL 3 (E)
SOP Name: m ansettings.nano
General Notes:

File Name: Results.dts
Record Number: 5227
Material RI: 1.59
Material Absorbtion: 0.010
Dispersant Name: PBS
Dispersant RI: 1.326
Viscosity (cP): 0.5476
Measurement Date and Time: Wednesday, September 25, 2...

System

Temperature (°C): 25.0
Count Rate (kcps): 260.9
Cell Description: Disposable sizing cuvette
Duration Used (s): 70
Measurement Position (mm): 4.65
Attenuator: 10

Results

	Size (d.nm):	% Intensity:	St Dev (d.nm)
Z-Average (d.nm): 169.6	Peak 1: 169.6	91.0	123.2
Pdl: 0.251	Peak 2: 0.000	0.0	0.000
Intercept: 0.897	Peak 3: 0.000	0.0	0.000

Result quality : **Good**

