



Operator (Report): ZetaView

Video Operator: ZetaView

Sample Parameters

Sample Name: I-EV-7.1
Comment: PS100nm 1:250,000, Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 27.78 °C sensed
pH 7.0 entered
Conductivity: 11.42 µS/cm sensed

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	166.2	166.2	280.8
Span	82.1	82.0	136.6
Concentration:	1.8E+7 Particles / mL		
Dilution Factor:	10000		
Original Concentration:	1.8E+11 Particles / mL		

Measurement Parameters

Cell S/N: ZNTA

Measurement Mode: Size Distribution 2 Cycles

11 Positions, 2 Removed for Analysis

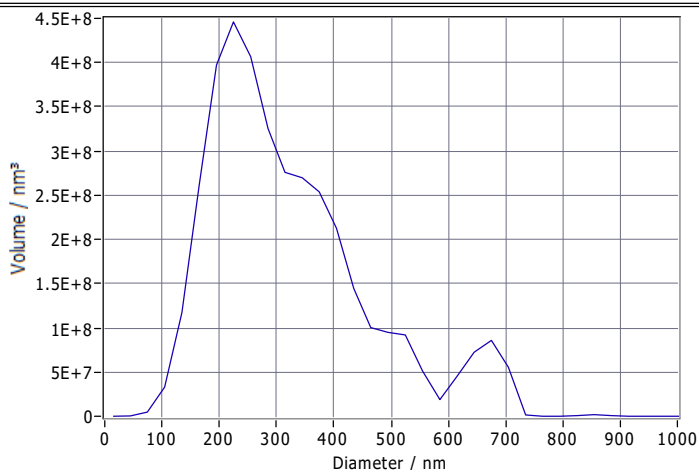
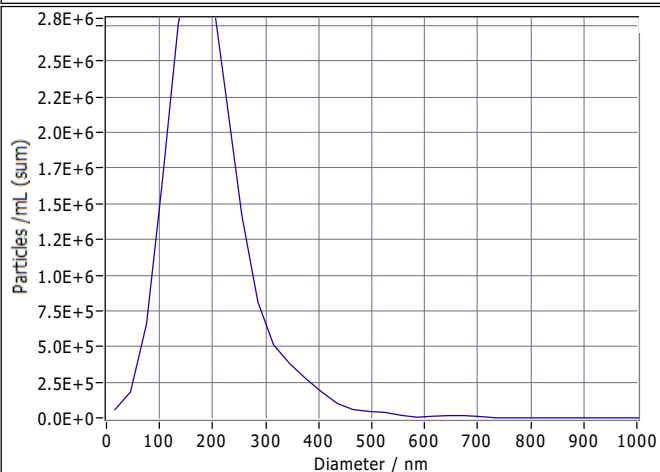
Quality

Average Counted Particles per Frame: 50

Number of Traced Particles: 592

Analysis Parameters

Max Area: 1000, Min Area: 10, Min Brightness: 30

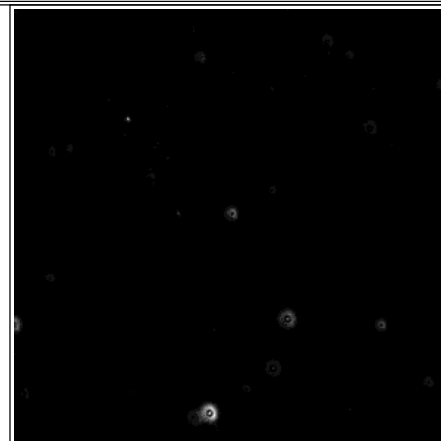


Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
186.0	3.2E+6	139.8	99.9

X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	93.6	93.6	159.0
X50	166.2	166.2	280.8
X90	286.1	286.1	505.9
Span	1.2	1.2	1.2
Mean	195.7	195.7	322.6
StdDev	82.1	82.0	136.6



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412_0021_I-EV-7.1_size.avi

ZetaVIEW S/N 19-471, Software ZetaView (version 8.05.11), Camera 0.713 µm/px

Experiment: 2022-04-12 12:46, Report: 2022-04-12 12:47