



Operator (Report): ZetaView

Video Operator: ZetaView

Sample Parameters

Sample Name: P-EV-2.1
Comment: PS100nm 1:250,000, Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 25.21 °C sensed
pH 7.0 entered
Conductivity: 11.26 µS/cm sensed

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	190.9	190.9	348.2
Span	101.4	101.4	171.6

Concentration: 4.9E+7 Particles / mL
Dilution Factor: 1000
Original Concentration: 4.9E+10 Particles / mL

Measurement Parameters

Cell S/N: ZNTA

Measurement Mode: Size Distribution 2 Cycles

11 Positions

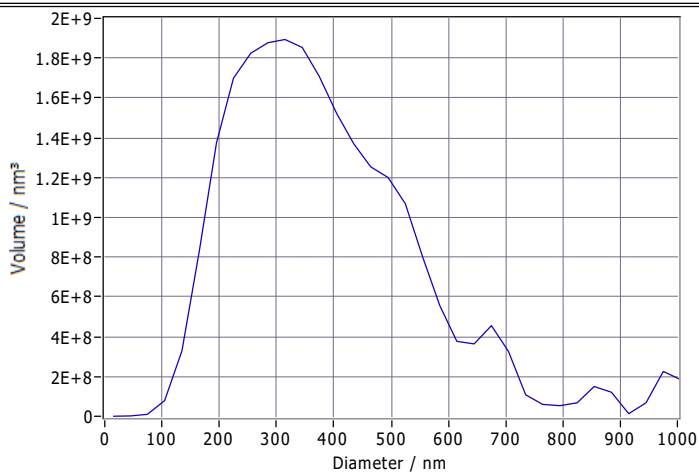
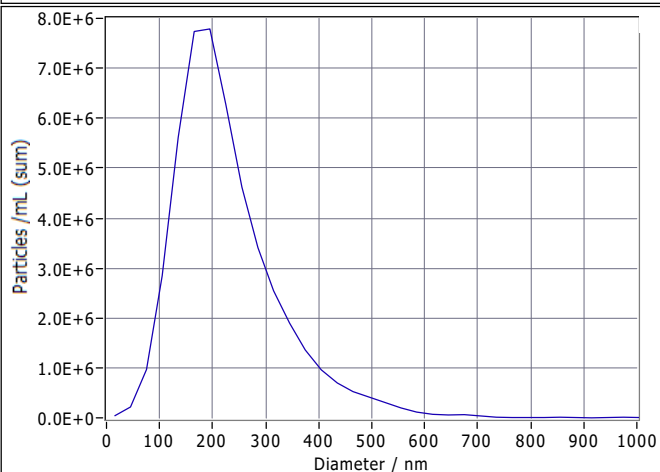
Quality

Average Counted Particles per Frame: 136

Number of Traced Particles: 2219

Analysis Parameters

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



Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
201.9	7.4E+6	156.6	100.0

X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	111.1	111.1	189.4
X50	190.9	190.9	348.2
X90	345.6	345.6	602.1
Span	1.2	1.2	1.2
Mean	229.2	229.2	394.4
StdDev	101.4	101.4	171.6



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412_0003_P-EV-2.1_size.avi

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

Experiment: 2022-04-12 10:20, Report: 2022-04-12 10:22