



Operator (Report): ZetaView

Video Operator: ZetaView

Sample Parameters

Sample Name: I-EV-3.1
Comment: PS100nm 1:250,000, Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 27.44 °C sensed
pH 7.0 entered
Conductivity: 16.84 µS/cm sensed

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	148.1	148.1	355.9
Span	111.2	110.9	130.7

Concentration: 7.1E+7 Particles / mL
Dilution Factor: 1000
Original Concentration: 7.1E+10 Particles / mL

Quality

Average Counted Particles per Frame: 196
Number of Traced Particles: 255

Measurement Parameters

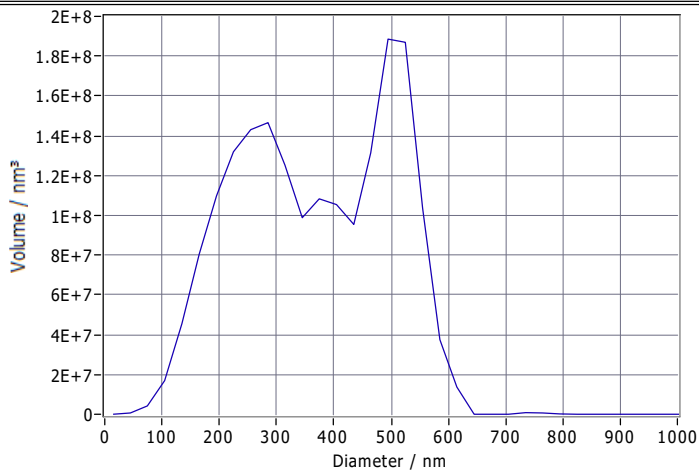
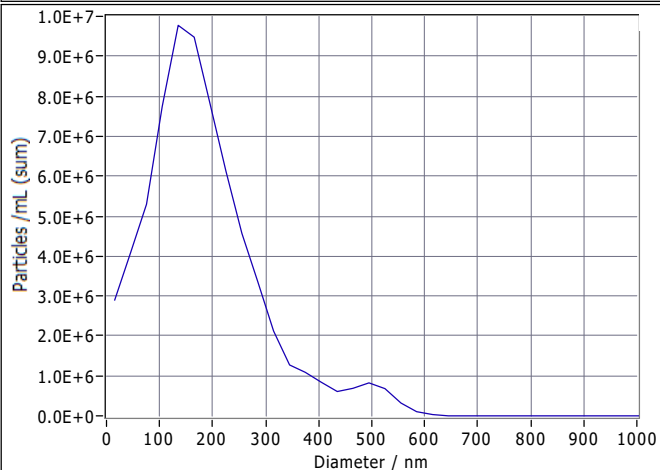
Cell S/N: ZNTA

Measurement Mode: Size Distribution 2 Cycles

11 Positions, 1 Removed for Analysis

Analysis Parameters

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

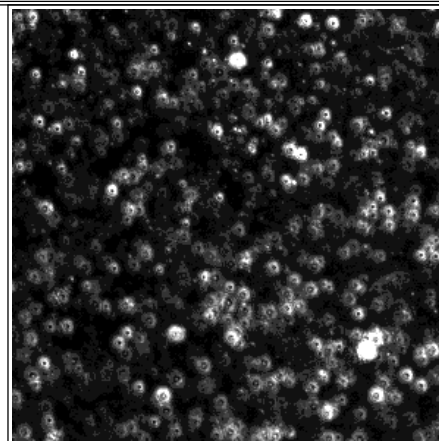


Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
161.2	9.5E+6	183.8	98.6

X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	40.5	40.5	177.1
X50	148.1	148.1	355.9
X90	307.5	307.5	514.0
Span	1.8	1.8	0.9
Mean	181.7	181.7	368.1
StdDev	111.2	110.9	130.7



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412_0016_I-EV-3.1_size.avi

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

Experiment: 2022-04-12 12:11, Report: 2022-04-12 12:13