



Operator (Report): ZetaView

Video Operator: ZetaView

#### Sample Parameters

Sample Name: P-EV-3.1  
Comment: PS100nm 1:250,000, Sample Remarks0:  
Sample Remarks1:  
Sample Remarks2:  
Electrolyte:  
Temperature: 25.38 °C sensed  
pH 7.0 entered  
Conductivity: 16.88 µS/cm sensed

#### Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	197.2	197.2	354.5
Span	102.1	102.1	149.4
Concentration:	5.5E+7 Particles / mL		
Dilution Factor:	1000		
Original Concentration:	5.5E+10 Particles / mL		

#### Measurement Parameters

Cell S/N: ZNTA

#### Measurement Mode: Size Distribution 2 Cycles

11 Positions, 1 Removed for Analysis

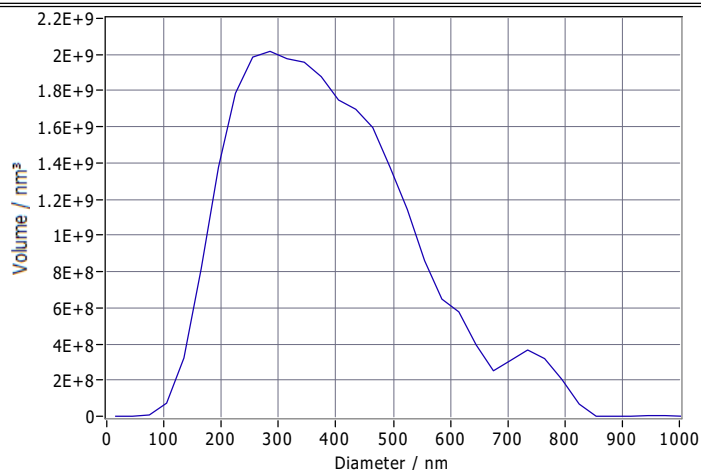
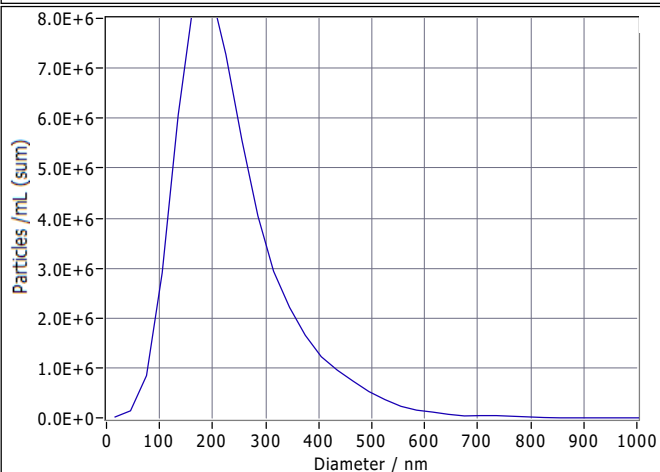
#### Quality

Average Counted Particles per Frame: 153

Number of Traced Particles: 2273

#### Analysis Parameters

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



#### Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
205.6	8.1E+6	161.4	100.0

#### X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	114.8	114.8	194.9
X50	197.2	197.2	354.5
X90	358.2	358.2	585.1
Span	1.2	1.2	1.1
Mean	235.1	235.1	388.6
StdDev	102.1	102.1	149.4



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412\_0004\_P-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 10:26, Report: 2022-04-12 10:28