



Operator (Report): ZetaView

Video Operator: ZetaView

#### Sample Parameters

Sample Name: I-EV-6.1  
Comment: PS100nm 1:250,000, Sample Remarks0:  
Sample Remarks1:  
Sample Remarks2:  
Electrolyte:  
Temperature: 27.57 °C sensed  
pH 7.0 entered  
Conductivity: 1.00 µS/cm sensed

#### Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	155.8	155.8	248.2
Span	72.4	72.4	115.4

Concentration: 3.9E+7 Particles / mL  
Dilution Factor: 10000  
Original Concentration: 3.9E+11 Particles / mL

#### Quality

Average Counted Particles per Frame: 109  
Number of Traced Particles: 1505

#### Measurement Parameters

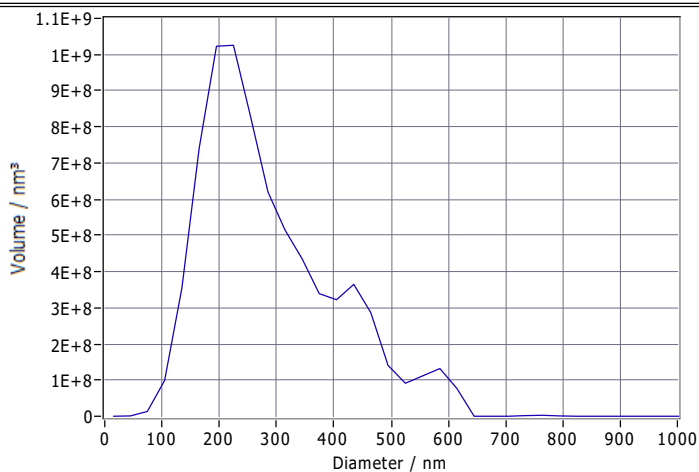
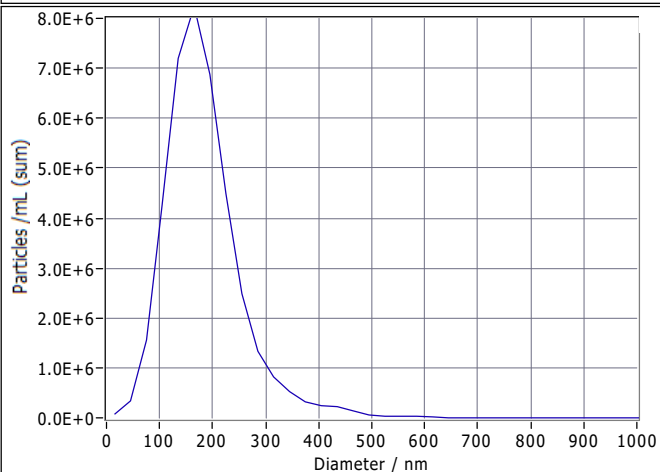
Cell S/N: ZNTA

#### Measurement Mode: Size Distribution 2 Cycles

11 Positions, 1 Removed for Analysis

#### Analysis Parameters

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

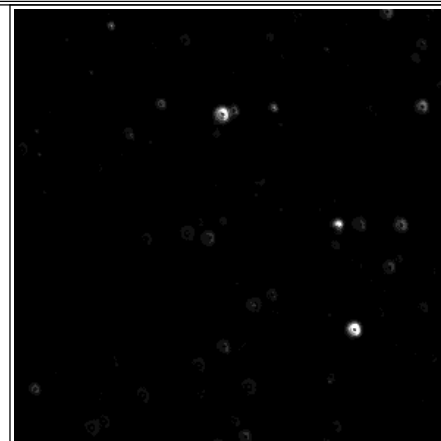


#### Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
175.0	7.8E+6	127.3	100.0

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

	Number	Concentration	Volume
X10	91.7	91.7	145.2
X50	155.8	155.8	248.2
X90	258.0	258.0	433.6
Span	1.1	1.1	1.2
Mean	183.7	183.7	289.0
StdDev	72.4	72.4	115.4



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412\_0020\_I-EV-6.1\_size.avi

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

Experiment: 2022-04-12 12:38, Report: 2022-04-12 12:39