



Operator (Report): ZetaView

Video Operator: ZetaView

#### Sample Parameters

Sample Name: I-EV-4.1  
Comment: PS100nm 1:250,000, Sample Remarks0:  
Sample Remarks1:  
Sample Remarks2:  
Electrolyte:  
Temperature: 27.49 °C sensed  
pH 7.0 entered  
Conductivity: 11.47 µS/cm sensed

#### Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	168.0	168.0	289.3
Span	83.8	83.8	248.9

Concentration: 7.7E+7 Particles / mL  
Dilution Factor: 10000  
Original Concentration: 7.7E+11 Particles / mL

#### Quality

Average Counted Particles per Frame: 214  
Number of Traced Particles: 2754

#### Measurement Parameters

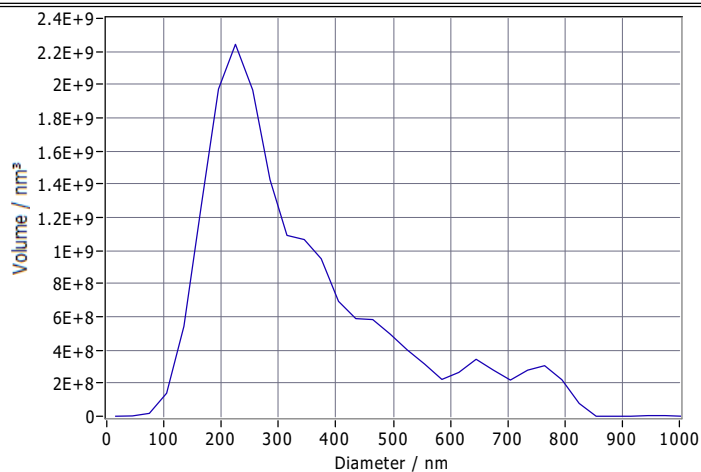
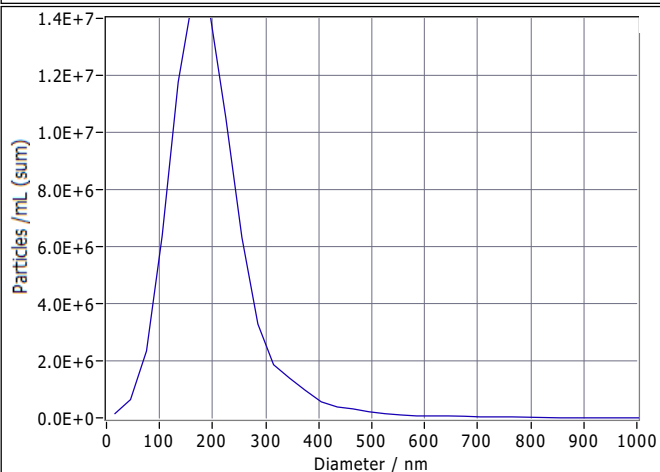
Cell S/N: ZNTA

#### Measurement Mode: Size Distribution 2 Cycles

11 Positions, 1 Removed for Analysis

#### Analysis Parameters

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

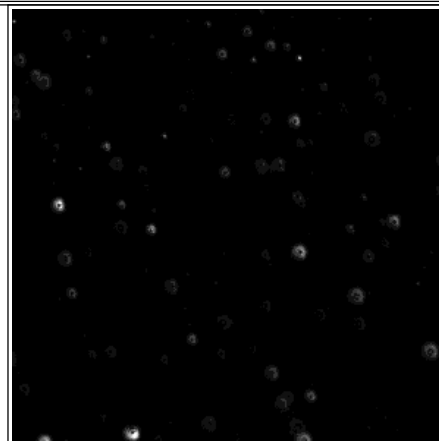


#### Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
188.4	1.4E+7	135.2	100.0

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

	Number	Concentration	Volume
X10	100.7	100.7	161.6
X50	168.0	168.0	289.3
X90	277.1	277.1	696.2
Span	1.1	1.1	1.8
Mean	197.2	197.2	384.7
StdDev	83.8	83.8	248.9



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412\_0017\_I-EV-4.1\_size.avi

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

Experiment: 2022-04-12 12:19, Report: 2022-04-12 12:21