



Operator (Report): ZetaView

Video Operator: ZetaView

#### Sample Parameters

Sample Name: I-EV-2.1  
Comment: PS100nm 1:250,000, Sample Remarks0:  
Sample Remarks1:  
Sample Remarks2:  
Electrolyte:  
Temperature: 27.18 °C sensed  
pH 7.0 entered  
Conductivity: 14.76 µS/cm sensed

#### Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	186.1	186.1	372.4
Span	112.9	112.9	201.7

Concentration: 2.2E+8 Particles / mL  
Dilution Factor: 1000  
Original Concentration: 2.2E+11 Particles / mL

#### Quality

Average Counted Particles per Frame: 612  
Number of Traced Particles: 4995

#### Measurement Parameters

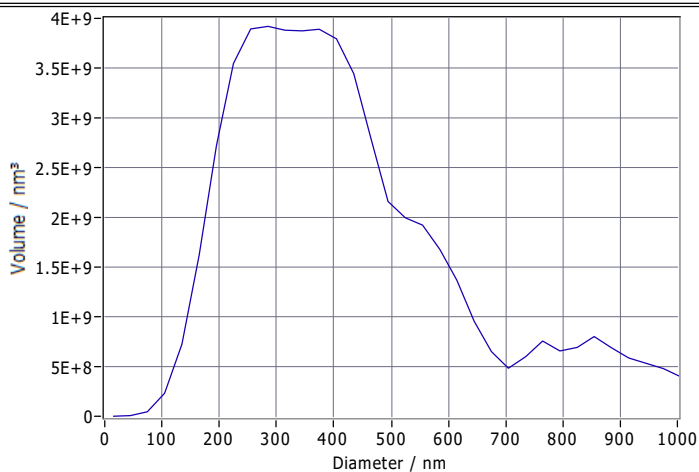
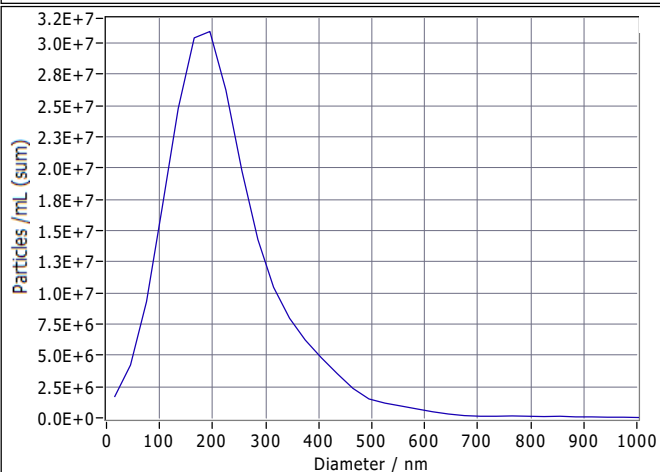
Cell S/N: ZNTA

#### Measurement Mode: Size Distribution 2 Cycles

11 Positions

#### Analysis Parameters

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

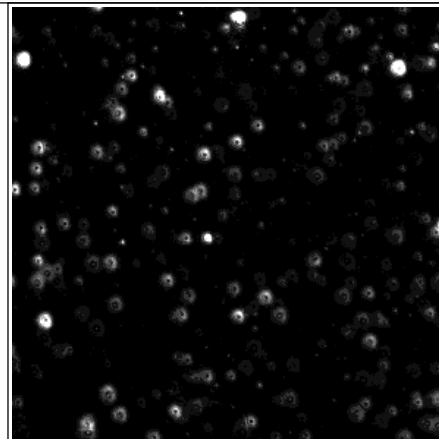


#### Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
196.0	3.1E+7	179.0	99.8

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

	Number	Concentration	Volume
X10	88.0	88.0	196.7
X50	186.1	186.1	372.4
X90	352.5	352.5	736.7
Span	1.4	1.4	1.5
Mean	222.0	222.0	430.4
StdDev	112.9	112.9	201.7



Comment

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412\_0015\_I-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 12:01, Report: 2022-04-12 12:04