



**Operator (Report): ZetaView**

Video Operator: ZetaView

**Sample Parameters**

Sample Name: P-EV-5.1  
Comment: PS100nm 1:250,000, Sample Remarks0:  
Sample Remarks1:  
Sample Remarks2:  
Electrolyte:  
Temperature: 25.82 °C sensed  
pH 7.0 entered  
Conductivity: 14.71 µS/cm sensed

**Result (sizes in nm)**

	Number	Concentration	Volume
Median (X50)	163.4	163.4	291.0
Span	85.7	85.7	168.9

Concentration: 1.6E+8 Particles / mL  
Dilution Factor: 10000  
Original Concentration: 1.6E+12 Particles / mL

**Quality**

Average Counted Particles per Frame: 445  
Number of Traced Particles: 5306

**Measurement Parameters**

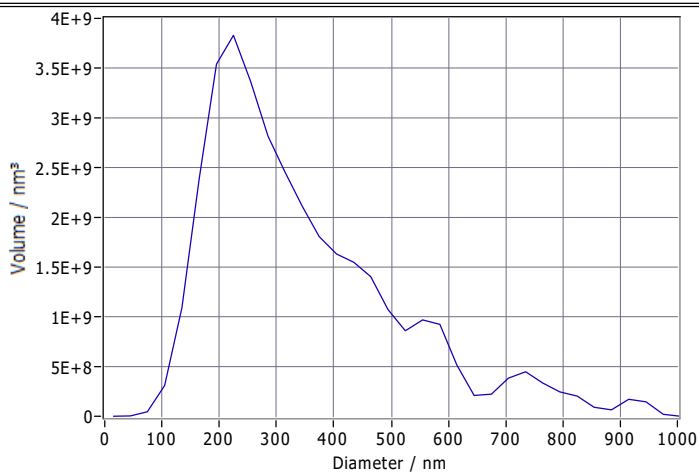
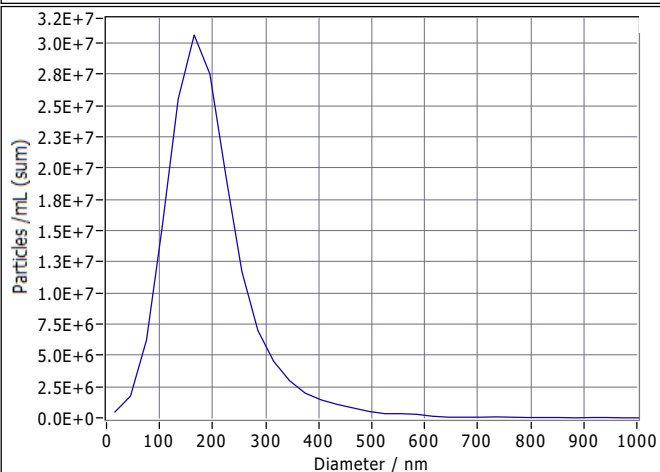
Cell S/N: ZNTA

**Measurement Mode: Size Distribution 2 Cycles**

11 Positions

**Analysis Parameters**

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

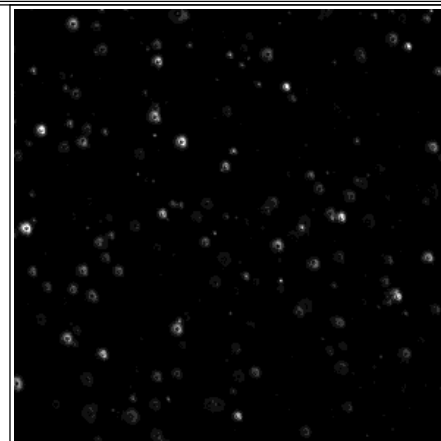


**Peak Analysis (Concentration)**

Diameter / nm	Particles/mL	FWHM / nm	Percentage
183.3	2.9E+7	135.7	99.9

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

	Number	Concentration	Volume
X10	92.5	92.5	159.6
X50	163.4	163.4	291.0
X90	282.1	282.1	565.2
Span	1.2	1.2	1.4
Mean	194.7	194.7	349.6
StdDev	85.7	85.7	168.9



**Comment**

(Signature)

Analyzed Video: Z:\Prof Lau Microbiology\Stella\12042022\20220412\_0006\_P-EV-5.1\_size.avi

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

Experiment: 2022-04-12 10:42, Report: 2022-04-12 10:43