



Operator (Report): sop_kabanovlab.inst
Video Operator: sop_kabanovlab.inst

Sample Parameters

Sample Name: P1
Comment: Sens=80, Sample Remarks0:
Sample Remarks1:
Sample Remarks2:
Electrolyte:
Temperature: 26.32 °C sensed
pH 7.0 entered
Conductivity: 1583.99 µS/cm sensed

Instrument Parameters

Laser Wavelength: 488 nm
Filter Wavelength: Scatter

Measurement Parameters

Cell S/N: ZNTA

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	147.6	147.6	206.6
Span	56.4	56.4	78.1

Concentration: 5.6E+7 Particles / mL
Dilution Factor: 2000
Original Concentration: 1.1E+11 Particles / mL

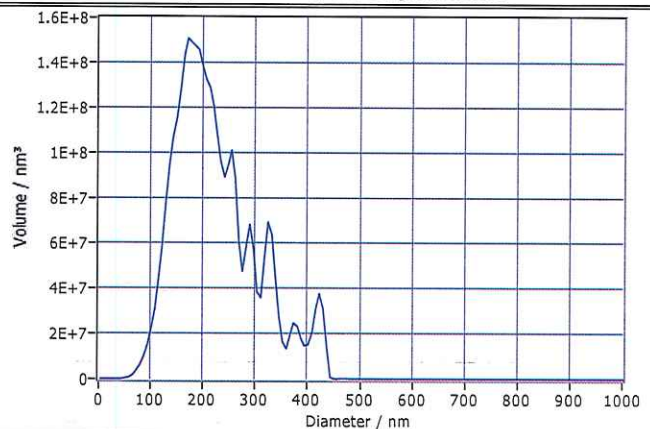
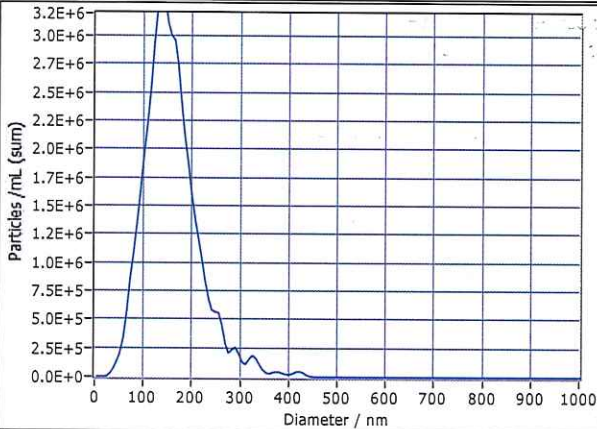
Quality

Average Counted Particles per Frame: 122
Number of Traced Particles: 1155

Measurement Mode: Size Distribution 2 Cycles
11 Positions, 1 Removed for Analysis

Analysis Parameters

Max Area: 1000, Min Area: 10, Min Brightness: 20

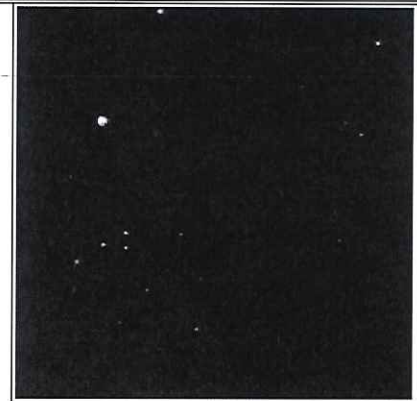


Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
139.6	3.4E+6	100.4	100.0

X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	91.6	91.6	135.1
X50	147.6	147.6	206.6
X90	225.6	225.6	333.1
Span	0.9	0.9	1.0
Mean	158.7	158.7	225.9
StdDev	56.4	56.4	78.1



Comment

(Signature)

Analyzed Video: Z:\NCore\Palav\02142023\20230214_0020_P1_size_488.avi