



Video Operator: ZetaUser

Operator (Report): ZetaUser

Sample Parameters

Sample Name: PS100_TEST02

Comment:

Sample Remarks0:

Sample Remarks1:

Sample Remarks2:

Electrolyte:

Temperature: 28.57 °C sensed

pH 7.0 entered

Instrument Parameters

Laser Wavelength: 520 nm

Filter Wavelength: Scatter

SOP: EV_520

Size Distribution 1 Cycle 11 Positions

Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	134.3	134.3	199.5
Span	54.3	54.3	90.5

Concentration: 3.5E+7 Particles / mL

Dilution Factor: 10000

Original Concentration: 3.5E+11 Particles / mL

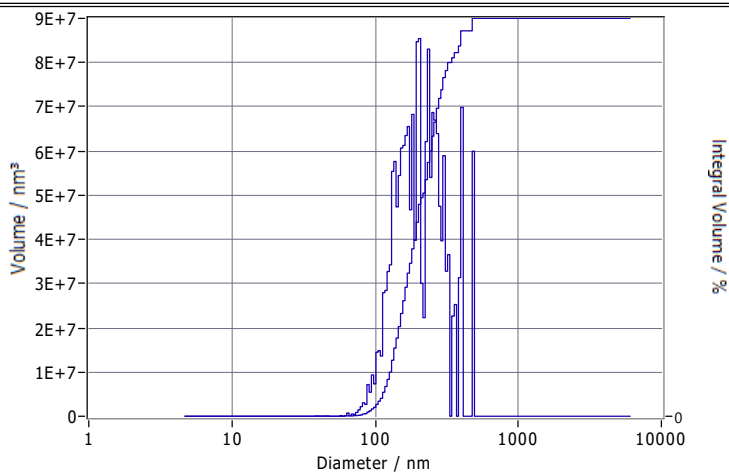
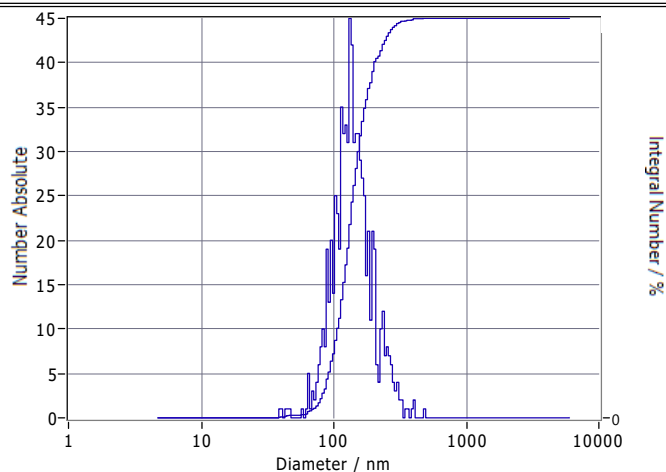
Quality

Average Counted Particles per Frame: 73

Number of Traced Particles: 750

Analysis Parameters

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



Peak Analysis (Concentration)

Diameter / nm	Number Absolute	FWHM / nm	Percentage
134.3	4.0E+1	74.5	90.9
241.0	9.3E+0	51.9	9.1

X Values (all sizes are given in nm)

	Number	Concentration	Volume
X10	90.0	90.0	125.5
X50	134.3	134.3	199.5
X90	212.2	212.2	350.7
Span	0.9	0.9	1.1
Mean	147.7	147.7	224.1
StdDev	54.3	54.3	90.5



Comment

(Signature)

Analyzed Video: Z:\Data\20220601_0003_PS100_TEST02_size_520.avi

ZetaVIEW S/N 22-779, Software ZetaView (version 8.05.14 SP7)

Experiment: 2022-06-01 14:36, Report: 2022-06-01 14:37