

# EV Analysis Platform

## Nanoparticle Tracking Analysis Report

Video Analysis | Laser Scattering Microscopy

Operator: System | Report Generated: 2026-01-20 12:38

### Sample Parameters

Sample Name:	PC3_100kDa_F5
Sample Info:	PC3 100kDa Fraction - 20251217_0005
Electrolyte:	WATER
Temperature:	25.1 °C
Concentration:	3.15E+08 Particles/mL
Dilution Factor:	500

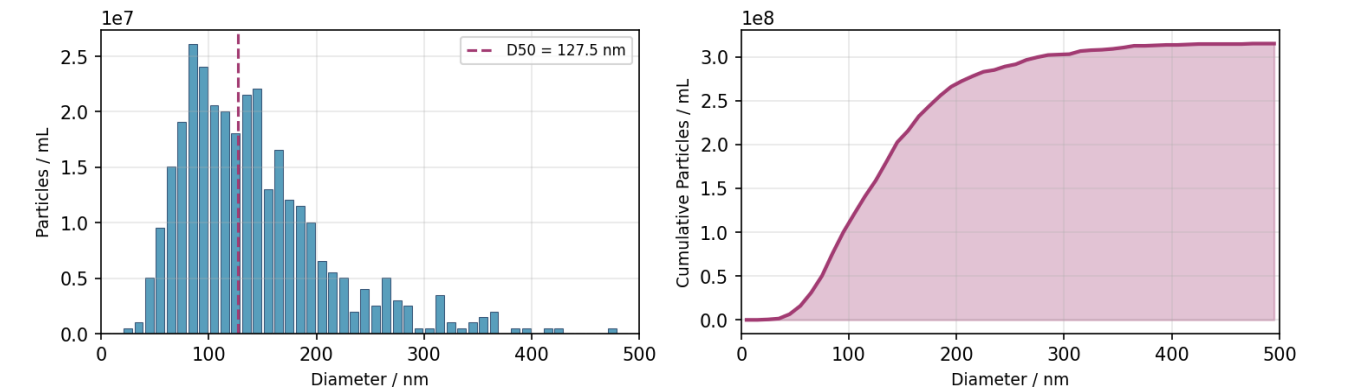
Result (sizes in nm)		
	Number	Volume
Median (X50)	127.5	127.5
StdDev	62.0	62.0

### Instrument Parameters

Laser Wavelength:	488 nm	Frame Rate:	30 fps
Filter:	Scatter	Video Resolution:	medium
Sensitivity:	80	Traced Particles:	630
Shutter:	100	Positions:	11

### Size Distribution

Size Distribution - PC3\_100kDa\_F5



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

	Number	Concentration	Volume
X10	82.5	82.5	82.5
X50	127.5	127.5	127.5
X90	217.5	217.5	217.5

Span	1.1	1.1	1.1
Mean	143.8	143.8	143.8
StdDev	62.0	62.0	62.0

Peak Analysis

Diameter (nm)	Particles/mL	FWHM (nm)	Percentage
97.5	3.15E+08	62.0	100.0

Analysis Software: EV Analysis Platform v1.0 | Report Generated: 2026-01-20 12:38:27

Comments:

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