

EV Analysis Platform

Nanoparticle Tracking Analysis Report

Video Analysis | Laser Scattering Microscopy

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

Sample Parameters

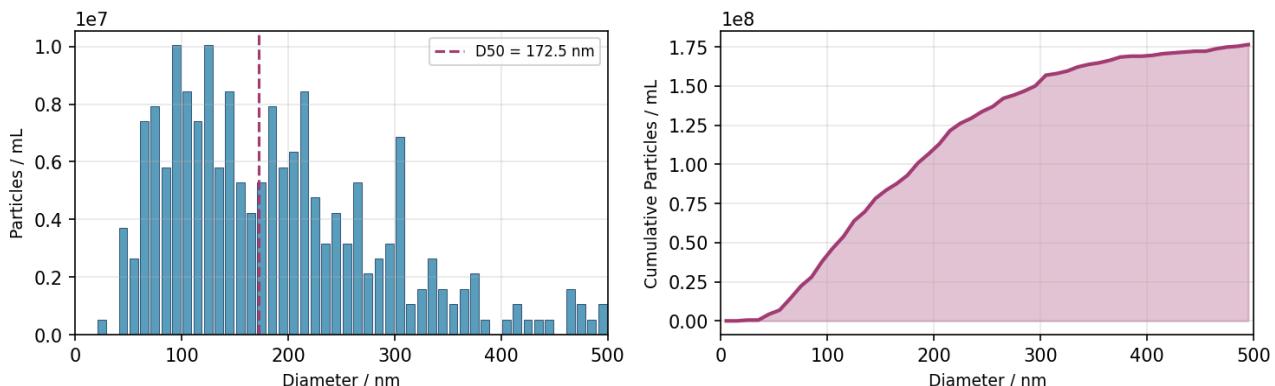
Sample Name:	PC3_100kDa_F7_8	Result (sizes in nm)	
Sample Info:	PC3 100kDa Fraction - 20251217_0018	Number	Volume
Electrolyte:	WATER	Median (X50)	172.5
Temperature:	25.1 °C	StdDev	117.5
Concentration:	1.76E+08 Particles/mL		
Dilution Factor:	500		

Instrument Parameters

Laser Wavelength:	488 nm	Frame Rate:	30 fps
Filter:	Scatter	Video Resolution:	medium
Sensitivity:	80	Traced Particles:	353
Shutter:	100	Positions:	11

Size Distribution

Size Distribution - PC3_100kDa_F7_8



X Values (all sizes given in nm)

	Number	Concentration	Volume
X10	92.5	92.5	92.5
X50	172.5	172.5	172.5
X90	297.5	297.5	297.5

Span	1.2	1.2	1.2
Mean	192.9	192.9	192.9
StdDev	117.5	117.5	117.5

Peak Analysis

Diameter (nm)	Particles/mL	FWHM (nm)	Percentage
122.5	1.76E+08	117.5	100.0

Analysis Software: EV Analysis Platform v1.0 | Report Generated: 2026-01-20 12:38:29

Comments:

_____ (Signature)