

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

Result (sizes in nm)

Sample Info: PC3 100kDa Fraction - 20251217_0005

Number

Volume

Median (X50)

127.5

127.5

StdDev

62.0

62.0

Electrolyte: WATER

Temperature: 25.1 °C

Concentration: 3.15E+08 Particles/mL

Dilution Factor: 500

Instrument Parameters

Laser Wavelength: 488 nm

Frame Rate: 30 fps

Filter: Scatter

Video Resolution: medium

Sensitivity: 80

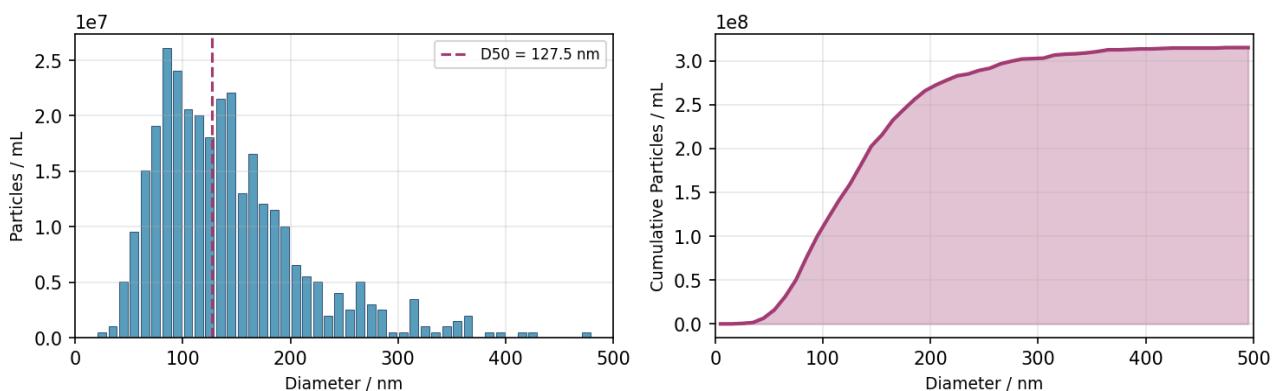
Traced Particles: 630

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:

_____ (Signature)