



Operator (Report): pharmagal

Video Operator: pharmagal

#### Sample Parameters

Sample Name: EVs\_PS20\_U\_1

Comment: Sample Remarks0:

Sample Remarks1:

Sample Remarks2:

Electrolyte: diw

Temperature: 30,33 °C sensed

pH 7,4 entered

Conductivity: 15000,00 µS/cm sensed

#### Instrument Parameters

Laser Wavelength: 405 nm

Filter Wavelength: Scatter

#### Measurement Parameters

Cell S/N: ZNTA

#### Result (sizes in nm)

	Number	Concentration	Volume
Median (X50)	144,6	144,6	223,5
Span	67,1	67,0	198,5

Concentration: 7,1E+7 Particles / mL

Dilution Factor: 100

Original Concentration: 7,1E+9 Particles / mL

#### Quality

Average Counted Particles per Frame: 150

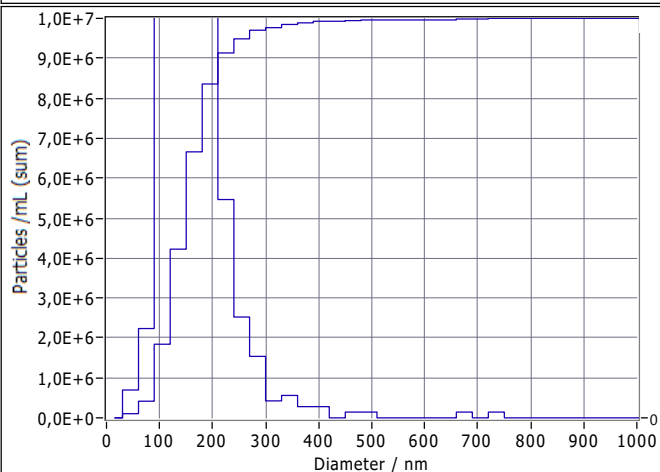
Number of Traced Particles: 505

#### Measurement Mode: Size Distribution 2 Cycles

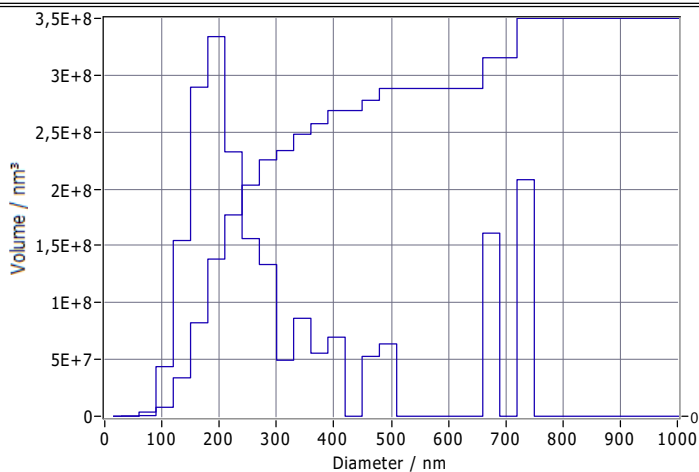
11 Positions, 5 Removed for Analysis

#### Analysis Parameters

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



Integral Concentration / %



Integral Volume / %

#### Peak Analysis (Concentration)

Diameter / nm	Particles/mL	FWHM / nm	Percentage
156,9	1,6E+7	124,4	100,0

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

	Number	Concentration	Volume
X10	87,3	87,3	135,8
X50	144,6	144,6	223,5
X90	220,0	220,0	674,8
Span	0,9	0,9	2,4
Mean	168,3	168,3	325,1
StdDev	67,1	67,0	198,5

Comment



(Signature)

Analyzed Video: E:\Arosio\Karl\Soft Corona\20230919\_0019\_EVs\_PS20\_U\_1\_size\_405.avi

ZetaVIEW S/N 18-359, Software ZetaView (version 8.05.12 SP1), Camera 0,712 µm/px

Experiment: 2023-09-19 13:41, Report: 2023-09-19 13:47