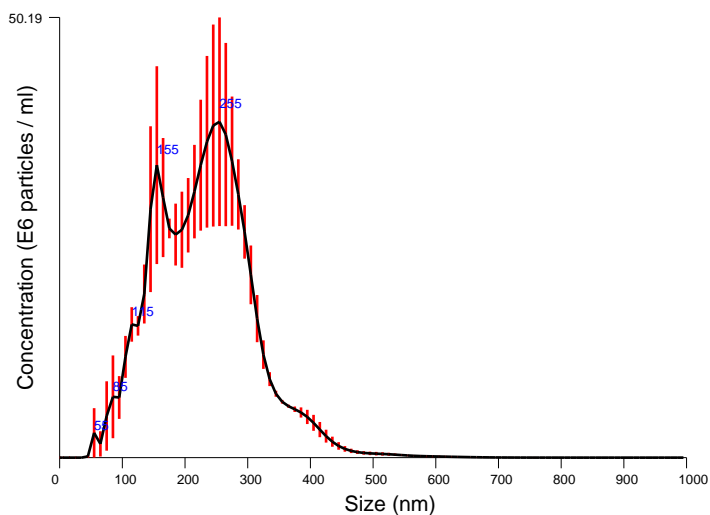


FTLA Size / Concentration graph for Experiment:
Capture 2022-10-06 22-54-20



Averaged FTLA Size / Concentration
Red error bars indicate +/- 1 standard error of the mean

Included Files

Capture 2022-10-06 22-54-33
Capture 2022-10-06 22-55-20
Capture 2022-10-06 22-56-06

Details

NTA Version: NTA 3.0 0060
Script Used: SOP Standard Measurement 04-24-10PM
13Mar2020.txt
Time Captured: 22:54:20 06/10/2022
Operator: Ruth
Pre-treatment:
Sample Name: S4.3
Diluent: WATER
Remarks:

Capture Settings

Camera Type: SCMOS
Camera Level: 9
Slider Shutter: 450
Slider Gain: 250
FPS: 45.5
Number of Frames: 1363
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 24
Blur Size: Auto
Max Jump Distance: Auto: 5.2 - 7.0 pix

Results

Stats: Merged Data

Mean: 225.7 nm
Mode: 252.3 nm
SD: 80.8 nm
D10: 122.5 nm
D50: 221.0 nm
D90: 315.0 nm

Stats: Mean +/- Standard Error

Mean: 225.3 +/- 8.3 nm
Mode: 219.3 +/- 33.3 nm
SD: 79.9 +/- 7.4 nm
D10: 125.3 +/- 15.9 nm
D50: 215.6 +/- 12.4 nm
D90: 314.6 +/- 9.3 nm
Concentration: 6.94e+008 +/- 3.23e+007 particles/ml
35.2 +/- 1.6 particles/frame
40.6 +/- 2.4 centres/frame