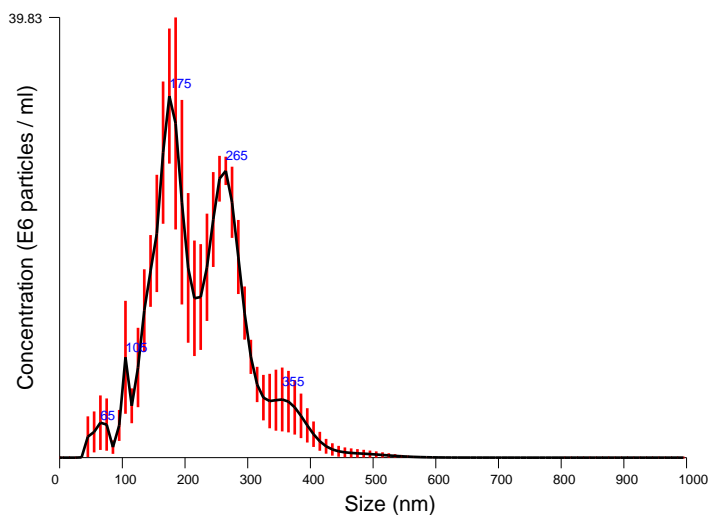


FTLA Size / Concentration graph for Experiment:
Capture 2022-10-06 21-55-18



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

Included Files

Capture 2022-10-06 21-55-30
Capture 2022-10-06 21-57-09
Capture 2022-10-06 21-57-56

Details

NTA Version: NTA 3.0 0060
Script Used: SOP Standard Measurement 04-24-10PM
13Mar2020.txt
Time Captured: 21:55:18 06/10/2022
Operator: Ruth
Pre-treatment:
Sample Name: S3,1
Diluent: WATER
Remarks:

Capture Settings

Camera Type: SCMOS
Camera Level: 10
Slider Shutter: 600
Slider Gain: 250
FPS: 37.5
Number of Frames: 1124
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: 5.6 - 9.0 pix

Results

Stats: Merged Data

Mean: 219.0 nm
Mode: 176.7 nm
SD: 77.2 nm
D10: 126.9 nm
D50: 206.3 nm
D90: 312.3 nm

Stats: Mean +/- Standard Error

Mean: 218.7 +/- 12.0 nm
Mode: 206.9 +/- 31.6 nm
SD: 74.8 +/- 4.5 nm
D10: 118.6 +/- 12.2 nm
D50: 210.1 +/- 16.7 nm
D90: 316.0 +/- 22.2 nm
Concentration: 4.53e+008 +/- 5.90e+007 particles/ml
23.0 +/- 3.0 particles/frame
26.1 +/- 4.0 centres/frame