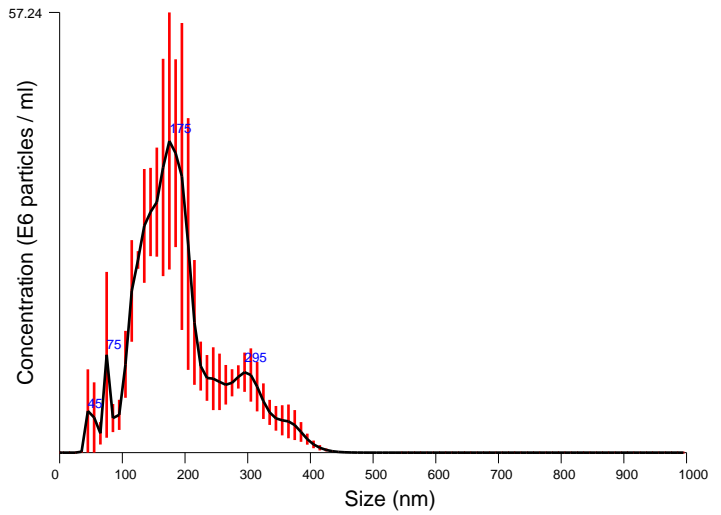


FTLA Size / Concentration graph for Experiment:
Capture 2022-10-06 06-28-20



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

Included Files

Capture 2022-10-06 06-28-49
Capture 2022-10-06 06-29-35
Capture 2022-10-06 06-30-25

Details

NTA Version: NTA 3.0 0060
Script Used: SOP Standard Measurement 04-24-10PM
13Mar2020.txt
Time Captured: 06:28:20 06/10/2022
Operator: Ruth
Pre-treatment:
Sample Name: FS1
Diluent: WATER
Remarks:

Capture Settings

Camera Type: SCMOS
Camera Level: 7
Slider Shutter: 250
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: 5.9 - 8.5 pix

Results

Stats: Merged Data

Mean: 185.6 nm
Mode: 176.8 nm
SD: 73.0 nm
D10: 102.5 nm
D50: 168.4 nm
D90: 292.3 nm

Stats: Mean +/- Standard Error

Mean: 185.6 +/- 2.0 nm
Mode: 176.7 +/- 10.0 nm
SD: 72.6 +/- 11.0 nm
D10: 101.0 +/- 12.2 nm
D50: 167.0 +/- 7.8 nm
D90: 290.3 +/- 14.1 nm
Concentration: 5.14e+008 +/- 4.77e+007 particles/ml
26.1 +/- 2.4 particles/frame
30.9 +/- 3.6 centres/frame