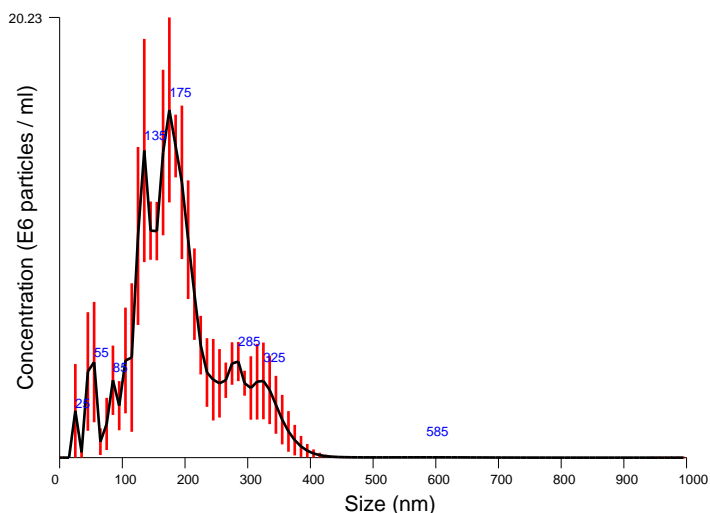


FTLA Size / Concentration graph for Experiment:
Capture 2022-10-06 07-01-52



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

Included Files

Capture 2022-10-06 07-02-01
Capture 2022-10-06 07-02-51
Capture 2022-10-06 07-03-57

Details

NTA Version: NTA 3.0 0060
Script Used: SOP Standard Measurement 04-24-10PM
13Mar2020.txt
Time Captured: 07:01:52 06/10/2022
Operator: Ruth
Pre-treatment:
Sample Name: FS3
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: 9.0 - 11.5 pix

Results

Stats: Merged Data

Mean: 183.2 nm
Mode: 175.4 nm
SD: 76.9 nm
D10: 92.4 nm
D50: 168.2 nm
D90: 293.2 nm

Stats: Mean +/- Standard Error

Mean: 183.6 +/- 10.5 nm
Mode: 165.0 +/- 17.6 nm
SD: 74.5 +/- 9.4 nm
D10: 90.6 +/- 15.0 nm
D50: 169.5 +/- 6.3 nm
D90: 288.3 +/- 26.4 nm
Concentration: 2.01e+008 +/- 8.78e+006 particles/ml
10.2 +/- 0.4 particles/frame
11.8 +/- 0.8 centres/frame