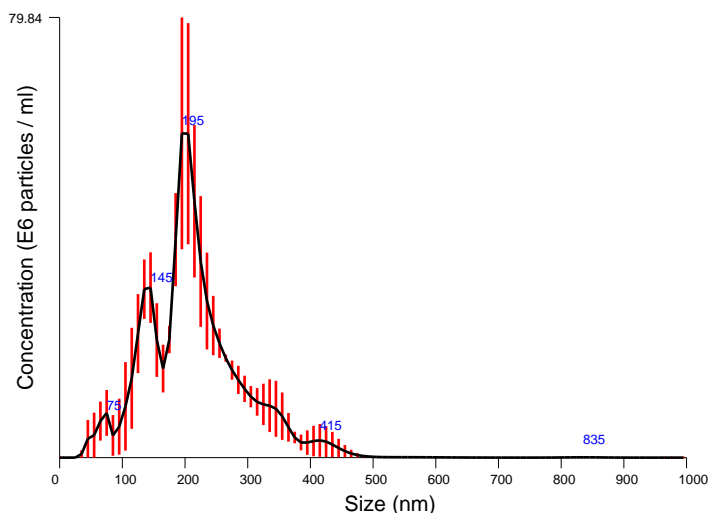


FTLA Size / Concentration graph for Experiment:
Capture 2022-10-06 22-23-21



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

Included Files

Capture 2022-10-06 22-23-50
Capture 2022-10-06 22-24-44
Capture 2022-10-06 22-26-19

Details

NTA Version: NTA 3.0 0060
Script Used: SOP Standard Measurement 04-24-10PM
13Mar2020.txt
Time Captured: 22:23:21 06/10/2022
Operator: Ruth
Pre-treatment:
Sample Name: S3,3
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 - 7.3 pix

Results

Stats: Merged Data

Mean: 209.3 nm
Mode: 200.0 nm
SD: 79.6 nm
D10: 114.4 nm
D50: 195.6 nm
D90: 311.6 nm

Stats: Mean +/- Standard Error

Mean: 211.2 +/- 13.7 nm
Mode: 201.2 +/- 8.0 nm
SD: 77.5 +/- 2.8 nm
D10: 119.0 +/- 15.8 nm
D50: 195.4 +/- 3.5 nm
D90: 313.0 +/- 27.3 nm
Concentration: 6.61e+008 +/- 6.56e+007 particles/ml
33.5 +/- 3.3 particles/frame
39.8 +/- 6.2 centres/frame