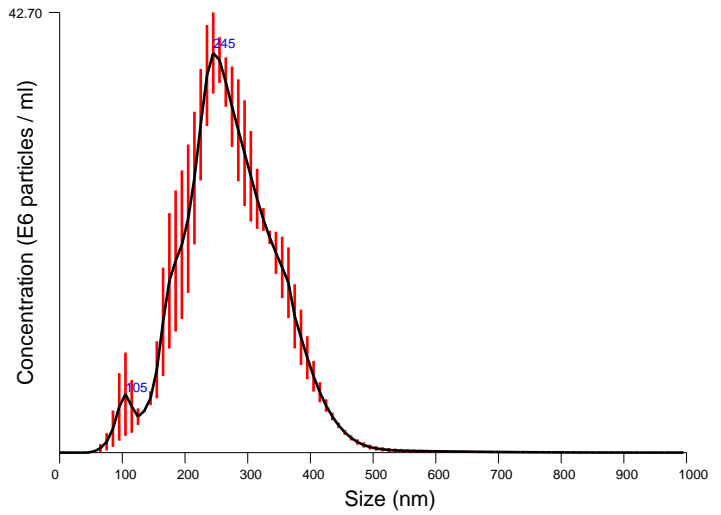


FTLA Size / Concentration graph for Experiment:
Capture 2022-10-06 22-43-47



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

Included Files

Capture 2022-10-06 22-44-04
Capture 2022-10-06 22-44-56
Capture 2022-10-06 22-45-43

Details

NTA Version: NTA 3.0 0060
Script Used: SOP Standard Measurement 04-24-10PM
13Mar2020.txt
Time Captured: 22:43:47 06/10/2022
Operator: Ruth
Pre-treatment:
Sample Name: S4.2
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: 4.8 - 5.8 pix

Results

Stats: Merged Data

Mean: 266.8 nm
Mode: 247.6 nm
SD: 79.2 nm
D10: 167.6 nm
D50: 256.1 nm
D90: 361.7 nm

Stats: Mean +/- Standard Error

Mean: 267.3 +/- 6.9 nm
Mode: 257.5 +/- 13.6 nm
SD: 77.4 +/- 5.3 nm
D10: 172.0 +/- 16.1 nm
D50: 256.6 +/- 3.2 nm
D90: 359.1 +/- 8.6 nm
Concentration: 6.48e+008 +/- 6.36e+007 particles/ml
32.9 +/- 3.2 particles/frame
37.1 +/- 3.8 centres/frame