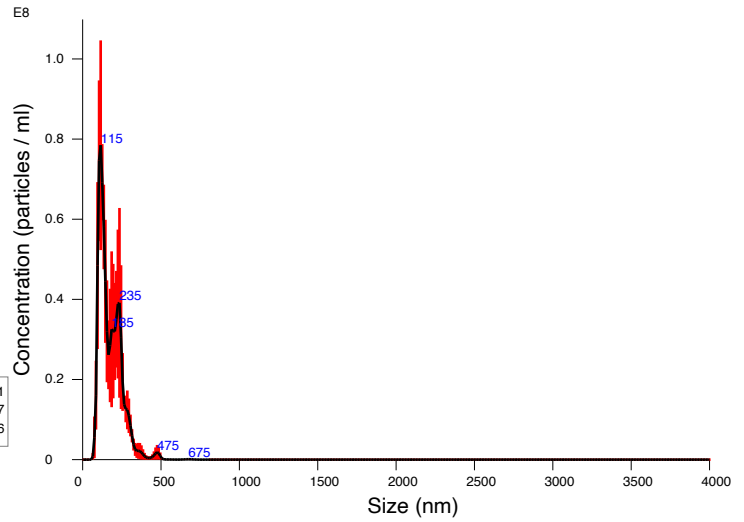


FTLA Concentration / Size graph for Experiment:
Capture 2022-09-23 13-30-13



Averaged FTLA Concentration / Size for Experiment:
Capture 2022-09-23 13-30-13
Error bars indicate + / -1 standard error of the mean

Included Files

Capture 2022-09-23 13-30-31
Capture 2022-09-23 13-31-07
Capture 2022-09-23 13-31-36

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 13:30:13 23/09/2022
Operator: Ruth
Pre-treatment:
Sample Name: hom. = 15m bench (1)
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 18.7
Number of Frames: 374
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 12
Blur Size: Auto
Max Jump Distance: Auto: 8.4 - 9.8 pix

Results

Stats: Merged Data

Mean: 176.0 nm
Mode: 113.0 nm
SD: 73.3 nm
D10: 101.7 nm
D50: 156.6 nm
D90: 266.2 nm

Stats: Mean +/- Standard Error

Mean: 175.3 +/- 5.4 nm
Mode: 119.2 +/- 11.0 nm
SD: 72.5 +/- 12.7 nm
D10: 100.8 +/- 4.4 nm
D50: 156.3 +/- 14.5 nm
D90: 272.9 +/- 22.5 nm
Concentration: 8.34e+08 +/- 1.07e+08 particles/ml
45.6 +/- 5.8 particles/frame
52.4 +/- 7.9 centres/frame