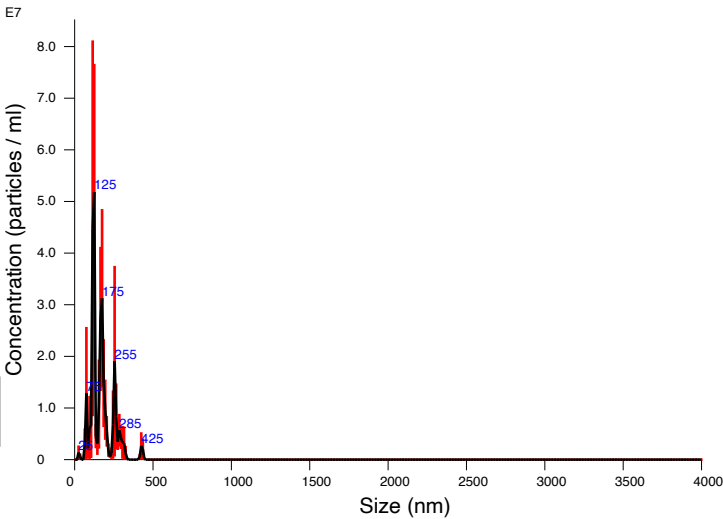


FTLA Concentration / Size graph for Experiment:
Capture 2022-09-26 14-56-24



Averaged FTLA Concentration / Size for Experiment:
Capture 2022-09-26 14-56-24
Error bars indicate + / -1 standard error of the mean

Included Files

Capture 2022-09-26 14-56-35
Capture 2022-09-26 14-57-07
Capture 2022-09-26 14-58-22

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 14:56:24 26/09/2022
Operator: Ruth
Pre-treatment:
Sample Name: son. = 60s bench (3)
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: 24
Blur Size: Auto
Max Jump Distance: Auto: 9.1 - 14.4 pix

Results

Stats: Merged Data

Mean: 169.4 nm
Mode: 121.3 nm
SD: 70.7 nm
D10: 105.9 nm
D50: 161.0 nm
D90: 266.2 nm

Stats: Mean +/- Standard Error

Mean: 167.9 +/- 12.1 nm
Mode: 137.7 +/- 17.5 nm
SD: 66.8 +/- 8.5 nm
D10: 97.2 +/- 12.4 nm
D50: 148.8 +/- 13.5 nm
D90: 256.6 +/- 29.5 nm
Concentration: 3.01e+08 +/- 2.23e+07 particles/ml
16.4 +/- 1.2 particles/frame
18.0 +/- 0.9 centres/frame