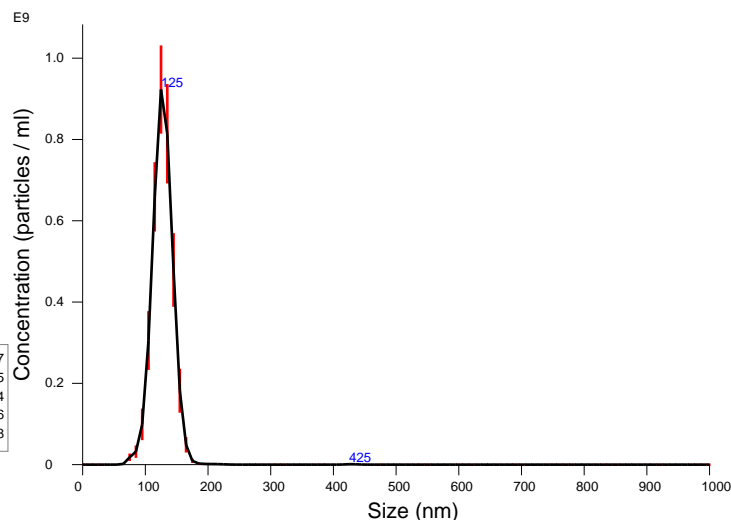


FTLA Concentration / Size graph for Experiment:
G9 2022-10-13 12-15-54



Averaged FTLA Concentration / Size for Experiment:
G9 2022-10-13 12-15-54
Error bars indicate + / - 1 standard error of the mean

Included Files

G9 2022-10-13 12-16-07
G9 2022-10-13 12-16-35
G9 2022-10-13 12-16-54
G9 2022-10-13 12-17-16
G9 2022-10-13 12-17-38

Details

NTA Version: NTA 3.4 Build 3.4.003
Script Used: SOP Standard Measurement 12-15-54PM 130~
Time Captured: 12:15:54 13/10/2022
Operator: jose
Pre-treatment:
Sample Name: g9
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12 - 13
Slider Shutter: 1200 - 1232
Slider Gain: 146 - 219
FPS: 25.0
Number of Frames: 249
Temperature: 18.3 °C
Viscosity: (Water) 1.041 - 1.043 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 18
Blur Size: Auto
Max Jump Distance: Auto: 8.5 - 8.9 pix

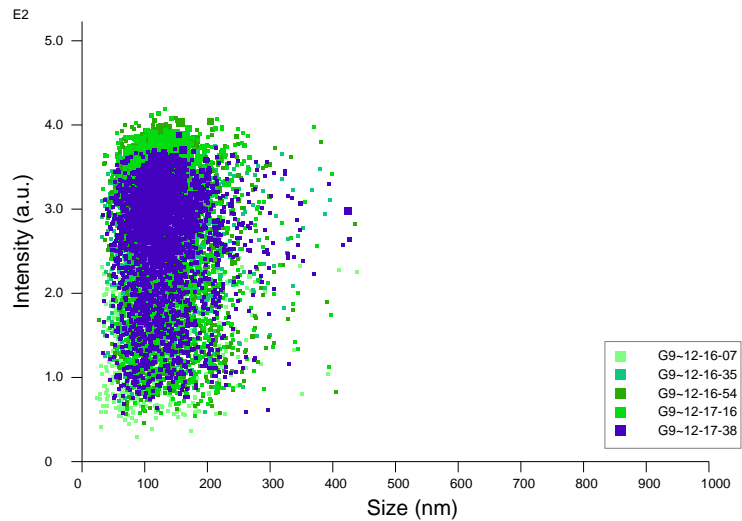
Results

Stats: Merged Data

Mean: 127.5 nm
Mode: 127.1 nm
SD: 18.2 nm
D10: 106.8 nm
D50: 127.3 nm
D90: 147.8 nm

Stats: Mean +/- Standard Error

Mean: 126.9 +/- 2.1 nm
Mode: 127.7 +/- 2.0 nm
SD: 17.0 +/- 1.4 nm
D10: 107.1 +/- 2.7 nm
D50: 127.1 +/- 1.5 nm
D90: 146.7 +/- 2.5 nm
Concentration: 3.58e+09 +/- 3.62e+08 particles/ml
195.7 +/- 19.8 particles/frame
184.5 +/- 15.2 centres/frame



Intensity / Size graph for Experiment:
G9 2022-10-13 12-15-54

Script Used: (Full Text):

SOP Standard Measurement 12-15-54PM 13Oct2022.txt