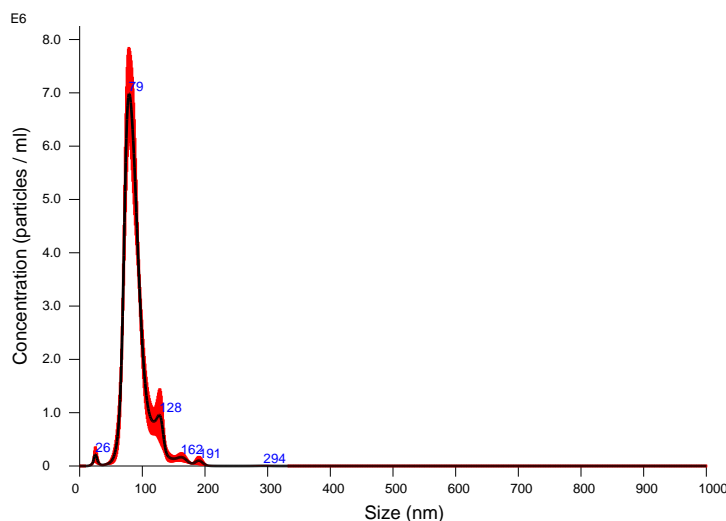


FTLA Concentration / Size graph for Experiment:
STh5_40x FD21 2023-06-14 12-55-32



Averaged FTLA Concentration / Size for Experiment:
STh5_40x FD21 2023-06-14 12-55-32
Error bars indicate + / - 1 standard error of the mean

Included Files

STh5_40x FD21 2023-06-14 12-55-51
STh5_40x FD21 2023-06-14 12-56-29
STh5_40x FD21 2023-06-14 12-57-10
STh5_40x FD21 2023-06-14 12-57-50
STh5_40x FD21 2023-06-14 12-58-30

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 12-55-32PM 14Jun2023.txt
Time Captured: 12:55:32 14/06/2023
Operator: LN
Pre-treatment:
Sample Name: STh5_40x FD21
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Green
Camera Level: 6
Slider Shutter: 64
Slider Gain: 5
FPS: 25.0
Number of Frames: 749
Temperature: 25.3 °C
Viscosity: (Water) 0.881 - 0.882 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 20.4 - 23.4 pix

Results

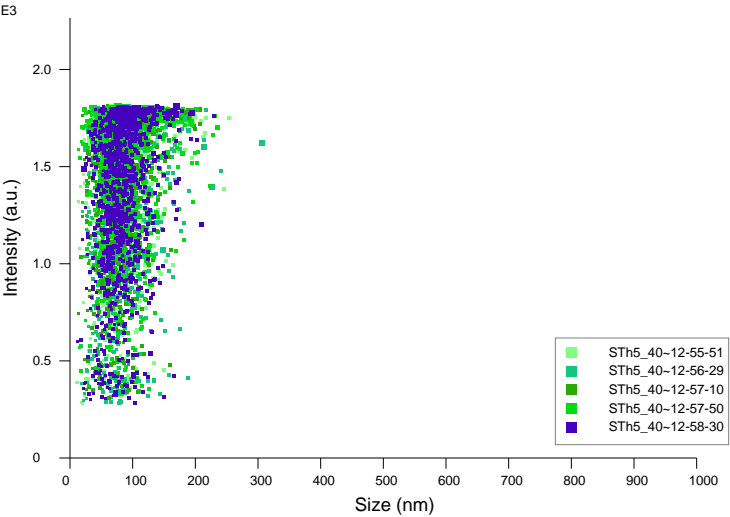
Stats: Merged Data

Mean: 89.5 nm
Mode: 79.0 nm
SD: 22.2 nm
D10: 70.4 nm
D50: 84.6 nm
D90: 118.5 nm

Stats: Mean +/- Standard Error

Mean: 89.4 +/- 1.1 nm
Mode: 80.6 +/- 1.7 nm
SD: 22.1 +/- 1.5 nm
D10: 70.1 +/- 1.1 nm
D50: 84.9 +/- 1.3 nm
D90: 115.4 +/- 6.0 nm
Concentration (Upgrade): 2.22e+08 +/- 1.05e+07 particles/ml
35.3 +/- 1.6 particles/frame
106.0 +/- 5.9 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
STh5_40x FD21 2023-06-14 12-55-32