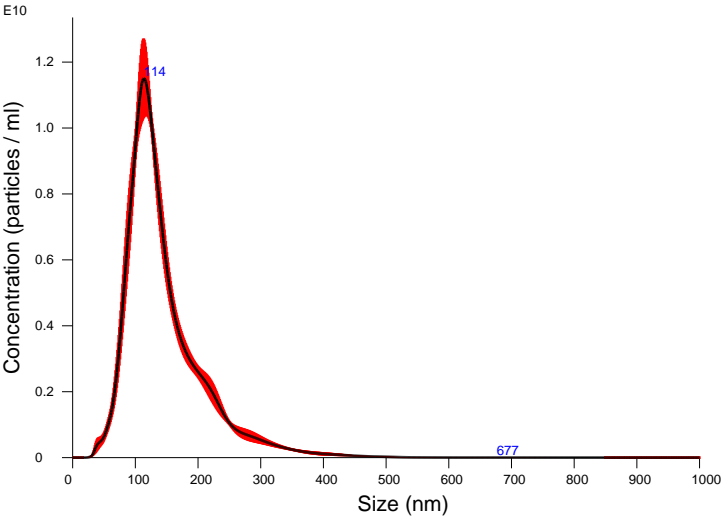


FTLA Concentration / Size graph for Experiment:
Dpp4_1000x 5 60 120_2 2024-10-22 12-19-28



Averaged FTLA Concentration / Size for Experiment:
Dpp4_1000x 5 60 120_2 2024-10-22 12-19-28
Error bars indicate + / -1 standard error of the mean

Included Files

Dpp4_1000x 5 60 120_2 2024-10-22 12-22-31
Dpp4_1000x 5 60 120_2 2024-10-22 12-23-36
Dpp4_1000x 5 60 120_2 2024-10-22 12-24-41
Dpp4_1000x 5 60 120_2 2024-10-22 12-25-46
Dpp4_1000x 5 60 120_2 2024-10-22 12-26-51

Details

NTA Version: NTA 3.4 - Sample Assistant Build 3.4.4 - SA
Script Used: SOP Standard Measurement 12-19-28PM 220~
Time Captured: 12:19:28 22/10/2024
Operator: Jitka NeburkovÆ
Pre-treatment:
Sample Name:
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 25.0
Number of Frames: 1498
Temperature: 25.0 - 25.0 °C
Viscosity: 1.0 cP
Dilution factor: 1 x 10e3
Syringe Pump Speed: 120

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 16.0 - 18.0 pix

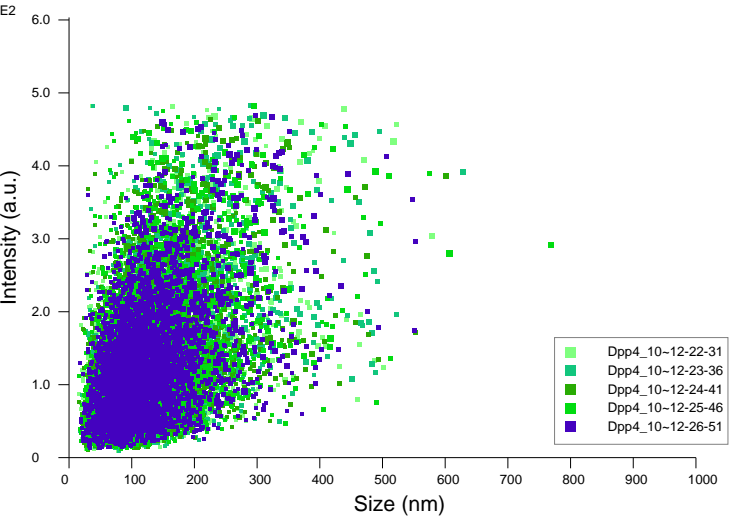
Results

Stats: Merged Data

Mean: 145.6 nm
Mode: 113.8 nm
SD: 64.2 nm
D10: 86.2 nm
D50: 128.3 nm
D90: 227.4 nm

Stats: Mean +/- Standard Error

Mean: 145.8 +/- 1.6 nm
Mode: 115.1 +/- 2.4 nm
SD: 64.2 +/- 1.2 nm
D10: 86.9 +/- 2.7 nm
D50: 128.3 +/- 0.6 nm
D90: 228.0 +/- 4.2 nm
Concentration (Upgrade): 1.03e+12 +/- 2.46e+10 particles/ml
75.0 +/- 1.4 particles/frame
75.8 +/- 0.9 centres/frame



Script Used: (Full Text):

SOP Standard Measurement 12-19-28PM 22Oct2024.txt