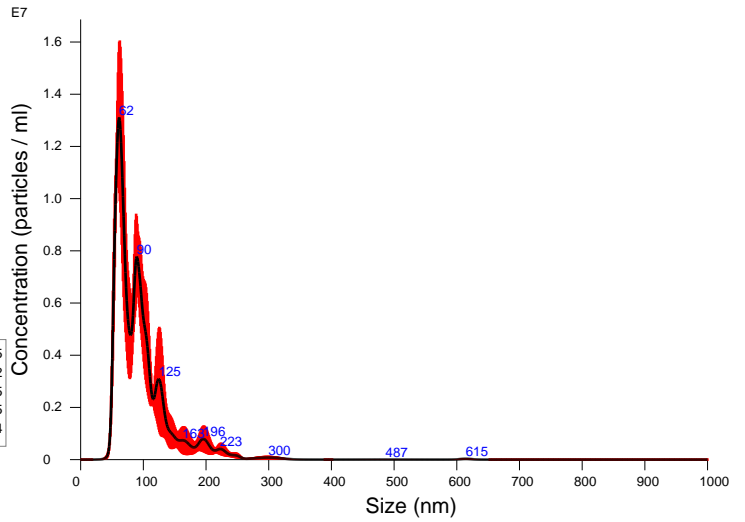


FTLA Concentration / Size graph for Experiment:
Type-D 2023-02-06 18-07-33



Averaged FTLA Concentration / Size for Experiment:
Type-D 2023-02-06 18-07-33
Error bars indicate + / -1 standard error of the mean

Included Files

Type-D 2023-02-06 18-07-45
Type-D 2023-02-06 18-08-22
Type-D 2023-02-06 18-09-15
Type-D 2023-02-06 18-09-55
Type-D 2023-02-06 18-10-54

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 06-07-18PM 05~
Time Captured: 18:07:33 06/02/2023
Operator: Hue Light co., Ltd
Pre-treatment:
Sample Name: Type-D
Diluent:
Remarks: shower / Hue Light co., Ltd.

Capture Settings

Camera Type: sCMOS
Laser Type: Blue488
Camera Level: 16
Slider Shutter: 1300
Slider Gain: 512
FPS: 25.0
Number of Frames: 749
Temperature: 21.5 - 21.7 °C
Viscosity: (Water) 0.961 - 0.965 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 10.9 - 11.9 pix

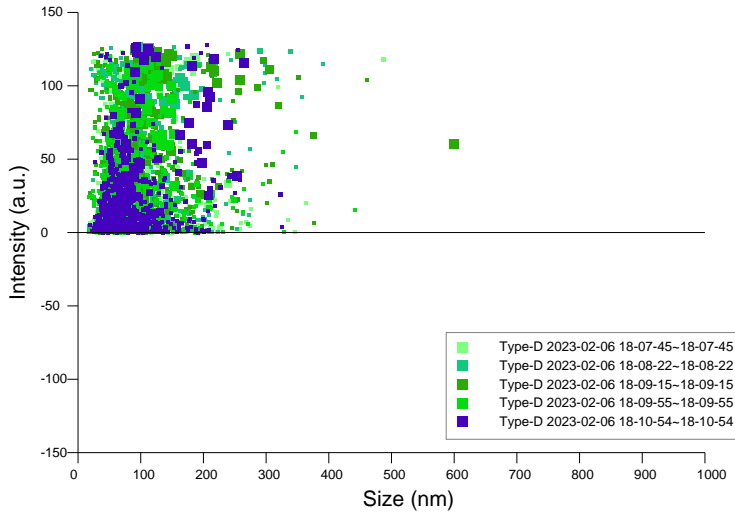
Results

Stats: Merged Data

Mean: 95.2 nm
Mode: 61.4 nm
SD: 47.2 nm
D10: 55.8 nm
D50: 83.3 nm
D90: 147.0 nm

Stats: Mean +/- Standard Error

Mean: 95.6 +/- 3.9 nm
Mode: 66.6 +/- 5.7 nm
SD: 45.2 +/- 6.7 nm
D10: 55.7 +/- 0.8 nm
D50: 81.0 +/- 4.2 nm
D90: 154.2 +/- 10.9 nm
Concentration: 5.84e+008 +/- 2.60e+007 particles/ml
29.6 +/- 1.3 particles/frame
35.8 +/- 1.4 centres/frame



Intensity / Size graph for Experiment:
Type-D 2023-02-06 18-07-33

Script Used: (Full Text):

SOP Standard Measurement 06-07-18PM 06Feb2023.txt