

Included Files

run 1 2018-08-17 16-39-32
run 1 2018-08-17 16-40-41
run 1 2018-08-17 16-41-49
run 1 2018-08-17 16-42-59
run 1 2018-08-17 16-44-08

Details

NTA Version: NTA 3.2 Dev Build 3.2.16
Script Used: SOP Standard Measurement 03-22-02PM 17~
Time Captured: 16:38:30 17/08/2018
Operator:
Pre-treatment:
Sample Name:
Diluent:
Remarks: Camera 13

Capture Settings

Camera Type: sCMOS
Laser Type: Blue488
Camera Level: 13
Slider Shutter: 1232
Slider Gain: 219
FPS: 25.0
Number of Frames: 1498
Temperature: 26.2 - 26.2 °C
Viscosity: (Water) 0.864 - 0.866 cP
Dilution factor: Dilution not recorded
Syringe Pump Speed: 20

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 16.1 - 16.5 pix

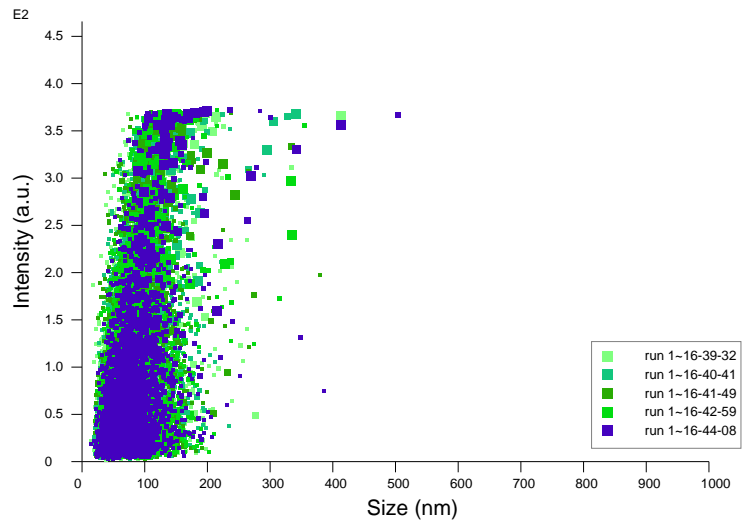
Results

Stats: Merged Data

Mean: 88.5 nm
Mode: 70.5 nm
SD: 30.6 nm
D10: 61.9 nm
D50: 79.8 nm
D90: 121.8 nm

Stats: Mean +/- Standard Error

Mean: 88.4 +/- 0.8 nm
Mode: 72.5 +/- 2.7 nm
SD: 30.6 +/- 1.8 nm
D10: 61.9 +/- 0.5 nm
D50: 79.6 +/- 1.0 nm
D90: 121.8 +/- 2.9 nm
Concentration (Upgrade): 6.23e+008 +/- 4.54e+007 particles/ml
80.8 +/- 7.2 particles/frame
82.2 +/- 7.1 centres/frame



Script Used: (Full Text):

SOP Standard Measurement 03-22-02PM 17Aug2018.txt