



Included Files

Capture 2022-09-23 13-02-54
Capture 2022-09-23 13-03-23
Capture 2022-09-23 13-04-01

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 13:02:36 23/09/2022
Operator: Ruth
Pre-treatment:
Sample Name: hom. = 10m (3)
Diluent:
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 18.7
Number of Frames: 374
Temperature: 22.0 °C
Viscosity: (Water) 1.0 cP
Dilution factor: Dilution not recorded

Analysis Settings

Detect Threshold: 12
Blur Size: Auto
Max Jump Distance: Auto: 8.3 - 8.9 pix

Results

Stats: Merged Data

Mean: 191.5 nm
Mode: 134.5 nm
SD: 67.4 nm
D10: 123.5 nm
D50: 176.8 nm
D90: 278.9 nm

Stats: Mean +/- Standard Error

Mean: 191.4 +/- 4.1 nm
Mode: 155.4 +/- 12.7 nm
SD: 65.4 +/- 10.7 nm
D10: 123.9 +/- 5.9 nm
D50: 180.3 +/- 6.8 nm
D90: 286.8 +/- 24.7 nm
Concentration: 8.62e+08 +/- 4.72e+06 particles/ml
47.1 +/- 0.3 particles/frame
51.1 +/- 0.7 centres/frame