



Included Files

Capture 2022-09-26 13-21-06
Capture 2022-09-26 13-21-42
Capture 2022-09-26 13-22-16

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 13:20:57 26/09/2022
Operator: Ruth
Pre-treatment:
Sample Name: son. = 5s (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: 24
Blur Size: Auto
Max Jump Distance: Auto: 8.3 pix

Results

Stats: Merged Data

Mean: 202.3 nm
Mode: 136.1 nm
SD: 71.0 nm
D10: 125.3 nm
D50: 199.2 nm
D90: 279.1 nm

Stats: Mean +/- Standard Error

Mean: 202.3 +/- 8.0 nm
Mode: 174.1 +/- 23.3 nm
SD: 67.9 +/- 12.2 nm
D10: 126.3 +/- 5.9 nm
D50: 196.5 +/- 10.5 nm
D90: 286.0 +/- 22.4 nm
Concentration: 4.95e+08 +/- 4.51e+07 particles/ml
27.0 +/- 2.5 particles/frame
31.4 +/- 2.0 centres/frame