



Included Files

Capture 2025-10-03 16-08-34
Capture 2025-10-03 16-09-18
Capture 2025-10-03 16-09-54

Details

NTA Version: NTA 3.4 Build 3.4.4
Script Used: SOP Standard Measurement 04-43-57PM 02~
Time Captured: 16:08:17 03/10/2025
Operator: Ruth
Pre-treatment:
Sample Name: HNe(bs2)
Diluent: Cyclohexane
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: 13
Blur Size: Auto
Max Jump Distance: Auto: 9.2 - 9.9 pix

Results

Stats: Merged Data

Mean: 167.1 nm
Mode: 108.4 nm
SD: 58.6 nm
D10: 105.3 nm
D50: 154.4 nm
D90: 236.8 nm

Stats: Mean +/- Standard Error

Mean: 167.7 +/- 10.5 nm
Mode: 139.0 +/- 17.5 nm
SD: 56.3 +/- 3.7 nm
D10: 108.6 +/- 3.3 nm
D50: 157.1 +/- 11.7 nm
D90: 231.1 +/- 10.4 nm
Concentration: 5.39e+08 +/- 1.77e+07 particles/ml
29.5 +/- 1.0 particles/frame
33.2 +/- 2.1 centres/frame