# NANOSIGHT

Nanoparticle Tracking Analysis (NTA) Version 2.3 Build 0013

# ANALYSIS REPORT
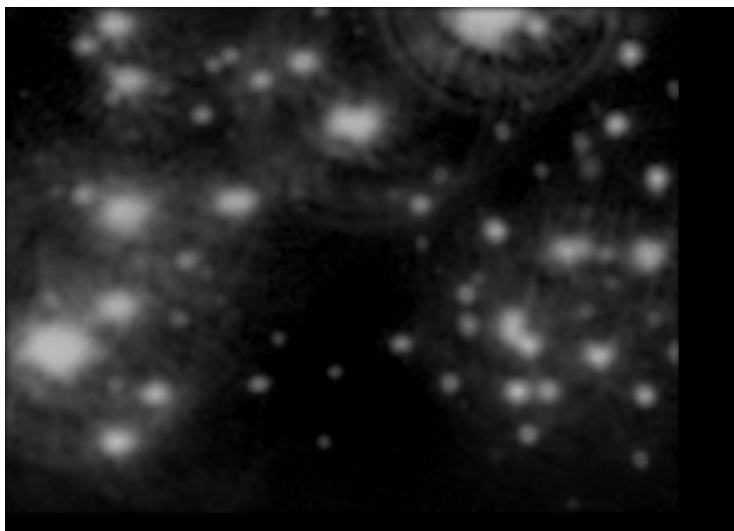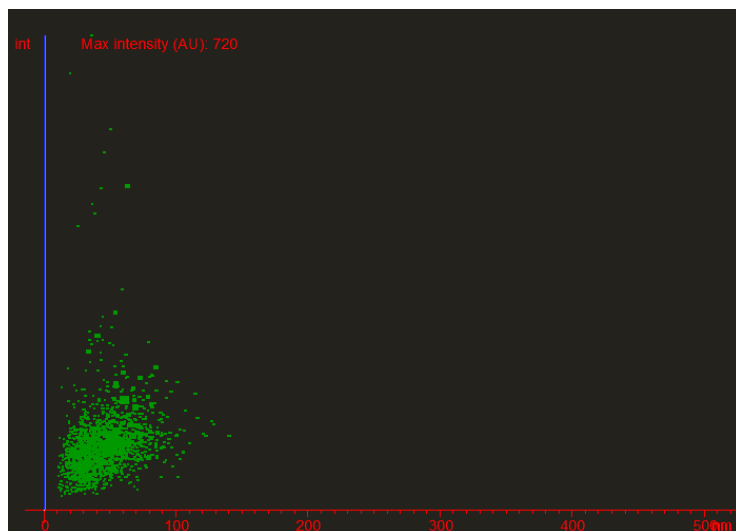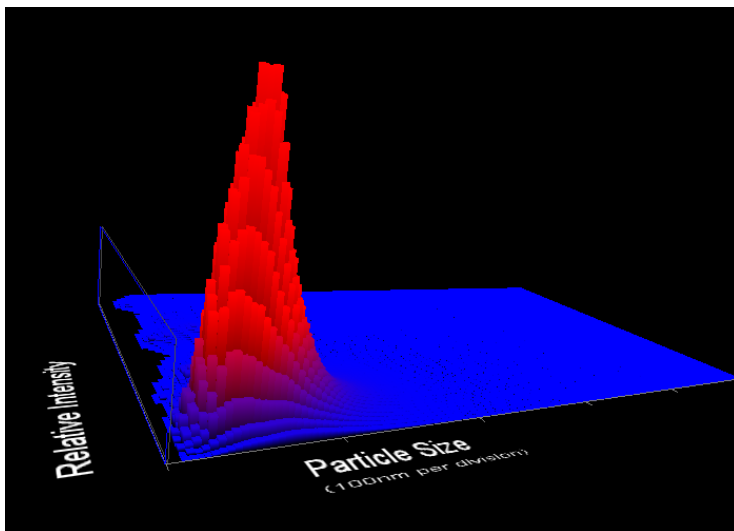


Particle Size / Concentration



Sample Video Frame



Particle Size / Relative Intensity



Particle Size / Relative Intensity 3D plot

| | |
|---|---|
| Operator: | |
| Sample: | |
| Video File: | syrup nc.avi analysis no: 002 |
| Date/Time of Report: | 18/10/2012   11:45:03 |
| Dispersant/Diluent: | |
| Concentration: | |
| Pre-treatment: | |
| Remarks: | |

**RESULTS:**

| | |
|---|---|
| Size Distribution: | Mean: 51 nm, Mode: 44 nm, SD: 19 nm |
| Cumulative Data (nm): | D10: 27, D50: 48, D90: 76, D70: 58 |
| User Lines: | 1 nm, 0 nm |
| Total Concentration: | 40.39 particles / frame, 7.72E8 particles / ml |
| Selected Concentration: | 0.00 particles / frame, 0.00E8 particles / ml |
| Fitted Curve : | Mean: 0 nm, SD: 0 |
| Completed Tracks: | 1706 |
| Drift Velocity: | 1011 nm/s |

**ANALYSIS SETTINGS:**

| | |
|---|---|
| Frames Processed: | 1525 of 1525 |
| Frames per Second: | 25.42 |
| Calibration: | 158 nm/pixel |
| Blur: | Auto |
| Detection Threshold: | 10 Multi |
| Min Track Length: | Auto |
| Min Expected Size: | Auto |
| Temperature: | 25.80 ºC |
| Viscosity: | 0.87 cP |