

4) Coil の巻数 : 220T の時

NANO SIGHT

Nanoparticle Tracking Analysis (NTA) Version 2.3 Build 0013

ANALYSIS REPORT

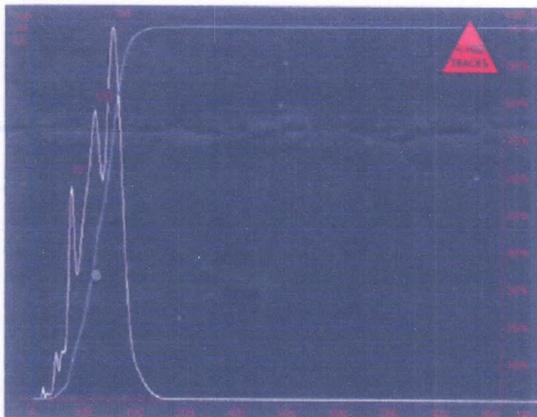
Sample:

Date/Time of Capture: 16 March 2018 13:31

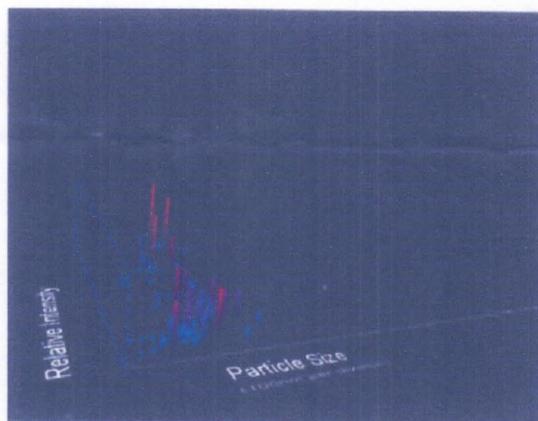
Video File: 1.avi analysis no: 002

Operator:

Comments:



Particle Size / Concentration



Particle Size / Relative Intensity 3D plot

Bin Centre (nm)	Concentration (E6 particles/ml)	Percentile Undersize (%)
10	0.002	0.002
30	0.444	0.405
50	2.442	2.619
70	8.458	10.288
90	10.731	20.019
110	16.102	34.619
130	18.501	51.395
150	22.095	71.430
170	20.985	90.458
190	7.242	97.025
210	2.196	99.016
230	0.846	99.783
250	0.219	99.981
270	0.020	100.000
290	0.000	100.000
310	0.000	100.000
330	0.000	100.000
350	0.000	100.000
370	0.000	100.000
390	0.000	100.000
410	0.000	100.000
430	0.000	100.000
450	0.000	100.000
470	0.000	100.000
490	0.000	100.000
510	0.000	100.000
530	0.000	100.000
550	0.000	100.000
570	0.000	100.000
590	0.000	100.000
610	0.000	100.000
630	0.000	100.000
650	0.000	100.000
670	0.000	100.000
690	0.000	100.000

Bin Centre (nm)	Concentration (E6 particles/ml)	Percentile Undersize (%)
710	0.000	100.000
730	0.000	100.000
750	0.000	100.000
770	0.000	100.000
790	0.000	100.000
810	0.000	100.000
830	0.000	100.000
850	0.000	100.000
870	0.000	100.000
890	0.000	100.000
910	0.000	100.000
930	0.000	100.000
950	0.000	100.000
970	0.000	100.000
990	0.000	100.000
1000-2000	0.000	100.000

Results

Mean: 135 nm
Mode: 158 nm
SD: 37 nm
D10: 79 nm
D50: 138 nm
D90: 179 nm
User Lines: 0 nm, 0 nm
Concentration: 1.10 E8 particles/ml
Completed Tracks: 89

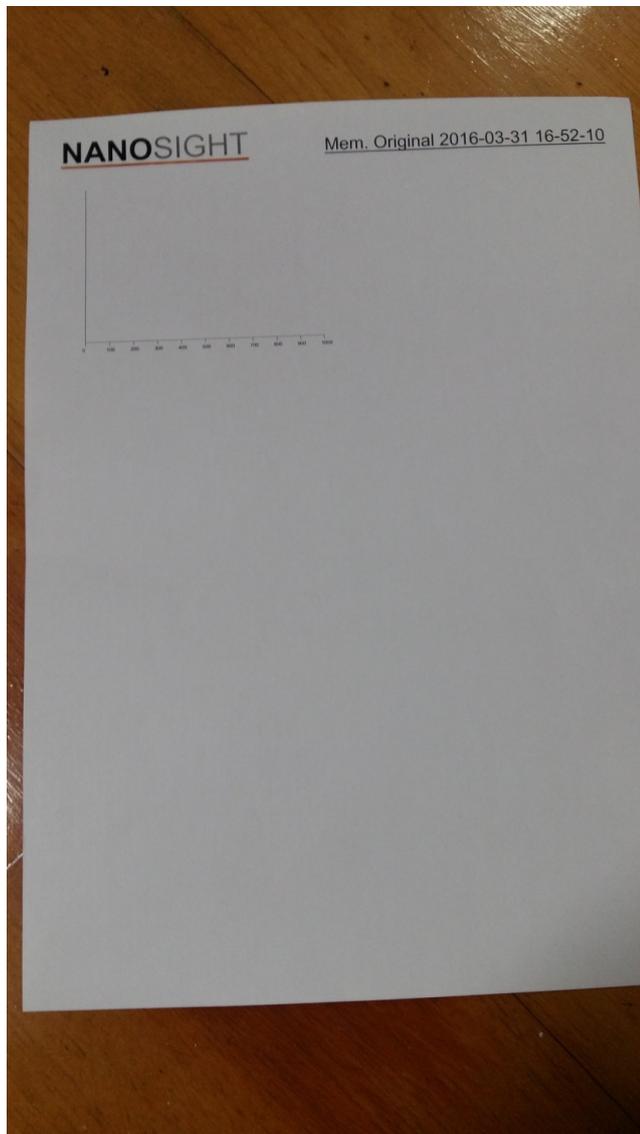
Measurement Conditions

Temperature: 21.55 °C
Viscosity: 0.96 cP
Frames Per Second: 25.56
Measurement Time: 30 of 30 s
Drift Velocity: 1133 nm/s
Camera Shutter: 12 ms

Analysis Conditions

Blur: Auto
Detection Threshold: 2 Multi
Min Track Length: Auto
Min Expected Size: Auto

1) 水道水の水分析



水道水では、1000nm の大きさ以下では 1 個も検出されていません。