



Sample ID **Thermofisher 3269A, 269+/-5nm (Combined)**
Operator ID **LS**
Notes **NIST Traceable PSL size standard with 1.6% CV**

Measurement Parameters:			
Temperature	= 21.0 deg. C	Runs Completed	= 6
Liquid	= Water	Run Duration	= 00:00:45
Viscosity	= 0.978 cP	Total Elapsed Time	= 00:04:30
Ref.Index Fluid	= 1.331	Average Count Rate	= 221.9 kcps
Angle	= 90.00	Ref.Index Real	= 1.590
Wavelength	= 657.0 nm	Ref.Index Imag	= 0.000
Baseline	= Auto (Slope Analysis)	Dust Filter Setting	= 30.00

Thermofisher 3269A, 269+/-5nm (Combined)

Effective Diameter: 271.8 nm
Polydispersity: 0.005
Baseline Index: 6.6/ 97.26%
Elapsed Time: 00:04:30

Lognormal Distribution

Run	Eff. Diam. (nm)	Half Width (nm)	Polydispersity	Baseline Index
1	264.1	100.7	0.145	5.2 / 95.45%
2	265.8	100.0	0.141	9.4 / 94.29%
3	275.4	19.5	0.005	1.0 / 100.00%
4	269.4	19.1	0.005	4.4 / 93.79%
5	273.5	19.3	0.005	1.3 / 100.00%
6	276.9	27.6	0.010	8.0 / 100.00%
Mean	270.9	47.7	0.052	4.9 / 97.25%
Std. Error	2.1	16.7	0.029	1.4 / 1.25
Combined	271.8	19.2	0.005	6.6 / 97.26%