



# BT-9300S laser particle size analyzer

## Particle size analysis report

Range : 0.1um - 716um

Sample Name:Al-F-02		SampleOwner:mohammadi		
Medium Name:Water		MeasureDept:khpmco		
Matter Index:2.50000+3.00000 Optical:Mie		Operator:mohammadi		
Medium Index:1.333	Mode:7.22 - 1	Test Date:2017-02-11	Test Time:11:21:20	
Remark: (1:3.00)-0-(0:3)				
D50:38.02um	D[4,3]:40.64um	D[3,2]:21.81um	Obscuration:16.54%	
Span:1.660	D[2,1]:7.611um	SSA:1018cm <sup>2</sup> /g	Residual:6.949%	
D3:5.030um	D6:7.966um	D10:11.22um	D16:15.54um	D25:21.68um
D75:56.27um	D84:65.67um	D90:74.35um	D97:92.57um	D98:97.94um

Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%
0.000 - 0.100	0	0	0.812 - 0.903	0	0	7.640 - 8.502	0.97	6.61	71.88 - 79.99	4.33	92.76
0.100 - 0.111	0	0	0.903 - 1.004	0	0	8.502 - 9.461	1.15	7.76	79.99 - 89.01	3.23	95.99
0.111 - 0.123	0	0	1.004 - 1.117	0	0	9.461 - 10.52	1.33	9.09	89.01 - 99.05	2.18	98.17
0.123 - 0.136	0	0	1.117 - 1.243	0	0	10.52 - 11.70	1.54	10.63	99.05 - 110.2	1.22	99.39
0.136 - 0.151	0	0	1.243 - 1.383	0	0	11.70 - 13.02	1.8	12.43	110.2 - 122.6	0.5	99.89
0.151 - 0.168	0	0	1.383 - 1.539	0.01	0.01	13.02 - 14.48	2.04	14.47	122.6 - 136.4	0.11	100
0.168 - 0.186	0	0	1.539 - 1.712	0.07	0.08	14.48 - 16.11	2.34	16.81	136.4 - 151.7	0	100
0.186 - 0.206	0	0	1.712 - 1.905	0.15	0.23	16.11 - 17.92	2.64	19.45	151.7 - 168.8	0	100
0.206 - 0.229	0	0	1.905 - 2.120	0.22	0.45	17.92 - 19.94	2.97	22.42	168.8 - 187.8	0	100
0.229 - 0.254	0	0	2.120 - 2.359	0.25	0.7	19.94 - 22.19	3.33	25.75	187.8 - 208.9	0	100
0.254 - 0.282	0	0	2.359 - 2.625	0.25	0.95	22.19 - 24.69	3.73	29.48	208.9 - 232.4	0	100
0.282 - 0.313	0	0	2.625 - 2.921	0.26	1.21	24.69 - 27.47	4.21	33.69	232.4 - 258.6	0	100
0.313 - 0.348	0	0	2.921 - 3.250	0.27	1.48	27.47 - 30.57	4.77	38.46	258.6 - 287.7	0	100
0.348 - 0.387	0	0	3.250 - 3.616	0.3	1.78	30.57 - 34.02	5.34	43.8	287.7 - 320.1	0	100
0.387 - 0.430	0	0	3.616 - 4.024	0.34	2.12	34.02 - 37.85	5.92	49.72	320.1 - 356.2	0	100
0.430 - 0.478	0	0	4.024 - 4.478	0.39	2.51	37.85 - 42.12	6.47	56.19	356.2 - 396.4	0	100
0.478 - 0.531	0	0	4.478 - 4.983	0.44	2.95	42.12 - 46.87	6.85	63.04	396.4 - 441.1	0	100
0.531 - 0.590	0	0	4.983 - 5.545	0.53	3.48	46.87 - 52.16	7.02	70.06	441.1 - 490.8	0	100
0.590 - 0.656	0	0	5.545 - 6.170	0.61	4.09	52.16 - 58.04	6.81	76.87	490.8 - 546.1	0	100
0.656 - 0.730	0	0	6.170 - 6.866	0.72	4.81	58.04 - 64.59	6.21	83.08	546.1 - 607.7	0	100
0.730 - 0.812	0	0	6.866 - 7.640	0.83	5.64	64.59 - 71.88	5.35	88.43	607.7 - 716.0	0	100

