



BT-9300S laser particle size analyzer

Particle size analysis report

Range : 0.1um - 716um

Sample Name:Al-S-100		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:2017-02-16	Test Time:08:53:30	
Remark: (1:3.00)-0-(0:3)				
D50:52.08um	D[4,3]:55.69um	D[3,2]:45.55um	Obscuration:19.26%	
Span:1.164	D[2,1]:35.44um	SSA:487.7cm ² /g	Residual:7.542%	
D3:20.48um	D6:24.74um	D10:28.56um	D16:32.88um	D25:38.28um
D75:69.67um	D84:79.63um	D90:89.21um	D97:110.6um	D98:115.9um

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	0.03	0.04	71.88 - 79.99	7.04	84.26
0.100 - 0.111	0	0	0.903 - 1.004	0	0	8.502 - 9.461	0.08	0.12	79.99 - 89.01	5.63	89.89
0.111 - 0.123	0	0	1.004 - 1.117	0	0	9.461 - 10.52	0.14	0.26	89.01 - 99.05	4.19	94.08
0.123 - 0.136	0	0	1.117 - 1.243	0	0	10.52 - 11.70	0.18	0.44	99.05 - 110.2	2.84	96.92
0.136 - 0.151	0	0	1.243 - 1.383	0	0	11.70 - 13.02	0.23	0.67	110.2 - 122.6	1.73	98.65
0.151 - 0.168	0	0	1.383 - 1.539	0	0	13.02 - 14.48	0.29	0.96	122.6 - 136.4	0.91	99.56
0.168 - 0.186	0	0	1.539 - 1.712	0	0	14.48 - 16.11	0.39	1.35	136.4 - 151.7	0.35	99.91
0.186 - 0.206	0	0	1.712 - 1.905	0	0	16.11 - 17.92	0.56	1.91	151.7 - 168.8	0.08	99.99
0.206 - 0.229	0	0	1.905 - 2.120	0	0	17.92 - 19.94	0.83	2.74	168.8 - 187.8	0.01	100
0.229 - 0.254	0	0	2.120 - 2.359	0	0	19.94 - 22.19	1.27	4.01	187.8 - 208.9	0	100
0.254 - 0.282	0	0	2.359 - 2.625	0	0	22.19 - 24.69	1.94	5.95	208.9 - 232.4	0	100
0.282 - 0.313	0	0	2.625 - 2.921	0	0	24.69 - 27.47	2.81	8.76	232.4 - 258.6	0	100
0.313 - 0.348	0	0	2.921 - 3.250	0	0	27.47 - 30.57	3.9	12.66	258.6 - 287.7	0	100
0.348 - 0.387	0	0	3.250 - 3.616	0	0	30.57 - 34.02	5.14	17.8	287.7 - 320.1	0	100
0.387 - 0.430	0	0	3.616 - 4.024	0	0	34.02 - 37.85	6.42	24.22	320.1 - 356.2	0	100
0.430 - 0.478	0	0	4.024 - 4.478	0	0	37.85 - 42.12	7.7	31.92	356.2 - 396.4	0	100
0.478 - 0.531	0	0	4.478 - 4.983	0	0	42.12 - 46.87	8.75	40.67	396.4 - 441.1	0	100
0.531 - 0.590	0	0	4.983 - 5.545	0	0	46.87 - 52.16	9.46	50.13	441.1 - 490.8	0	100
0.590 - 0.656	0	0	5.545 - 6.170	0	0	52.16 - 58.04	9.63	59.76	490.8 - 546.1	0	100
0.656 - 0.730	0	0	6.170 - 6.866	0	0	58.04 - 64.59	9.18	68.94	546.1 - 607.7	0	100
0.730 - 0.812	0	0	6.866 - 7.640	0.01	0.01	64.59 - 71.88	8.28	77.22	607.7 - 716.0	0	100

