



BT-9300S laser particle size analyzer

Particle size analysis report

Range : 0.1um - 716um

Sample Name:Al-S-200		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:08:35:08	
Remark: (1:3.00)-0-(0:3)				
D50:73.49um	D[4,3]:80.94um	D[3,2]:54.49um	Obscuration:16.27%	
Span:1.519	D[2,1]:29.02um	SSA:407.7cm ² /g	Residual:7.667%	
D3:17.88um	D6:24.36um	D10:30.52um	D16:38.03um	D25:47.81um
D75:106.6um	D84:124.9um	D90:142.1um	D97:183.6um	D98:195.9um

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	0.16	0.59	71.88 - 79.99	7.25	55.74
0.100 - 0.111	0	0	0.903 - 1.004	0	0	8.502 - 9.461	0.19	0.78	79.99 - 89.01	7.32	63.06
0.111 - 0.123	0	0	1.004 - 1.117	0	0	9.461 - 10.52	0.22	1	89.01 - 99.05	7.18	70.24
0.123 - 0.136	0	0	1.117 - 1.243	0	0	10.52 - 11.70	0.26	1.26	99.05 - 110.2	6.72	76.96
0.136 - 0.151	0	0	1.243 - 1.383	0	0	11.70 - 13.02	0.31	1.57	110.2 - 122.6	6.04	83
0.151 - 0.168	0	0	1.383 - 1.539	0	0	13.02 - 14.48	0.38	1.95	122.6 - 136.4	5.15	88.15
0.168 - 0.186	0	0	1.539 - 1.712	0	0	14.48 - 16.11	0.46	2.41	136.4 - 151.7	4.1	92.25
0.186 - 0.206	0	0	1.712 - 1.905	0	0	16.11 - 17.92	0.6	3.01	151.7 - 168.8	3.03	95.28
0.206 - 0.229	0	0	1.905 - 2.120	0	0	17.92 - 19.94	0.79	3.8	168.8 - 187.8	2.06	97.34
0.229 - 0.254	0	0	2.120 - 2.359	0	0	19.94 - 22.19	1.04	4.84	187.8 - 208.9	1.32	98.66
0.254 - 0.282	0	0	2.359 - 2.625	0	0	22.19 - 24.69	1.34	6.18	208.9 - 232.4	0.77	99.43
0.282 - 0.313	0	0	2.625 - 2.921	0	0	24.69 - 27.47	1.71	7.89	232.4 - 258.6	0.39	99.82
0.313 - 0.348	0	0	2.921 - 3.250	0	0	27.47 - 30.57	2.14	10.03	258.6 - 287.7	0.14	99.96
0.348 - 0.387	0	0	3.250 - 3.616	0	0	30.57 - 34.02	2.64	12.67	287.7 - 320.1	0.04	100
0.387 - 0.430	0	0	3.616 - 4.024	0.01	0.01	34.02 - 37.85	3.17	15.84	320.1 - 356.2	0	100
0.430 - 0.478	0	0	4.024 - 4.478	0.01	0.02	37.85 - 42.12	3.79	19.63	356.2 - 396.4	0	100
0.478 - 0.531	0	0	4.478 - 4.983	0.03	0.05	42.12 - 46.87	4.46	24.09	396.4 - 441.1	0	100
0.531 - 0.590	0	0	4.983 - 5.545	0.06	0.11	46.87 - 52.16	5.16	29.25	441.1 - 490.8	0	100
0.590 - 0.656	0	0	5.545 - 6.170	0.08	0.19	52.16 - 58.04	5.85	35.1	490.8 - 546.1	0	100
0.656 - 0.730	0	0	6.170 - 6.866	0.11	0.3	58.04 - 64.59	6.45	41.55	546.1 - 607.7	0	100
0.730 - 0.812	0	0	6.866 - 7.640	0.13	0.43	64.59 - 71.88	6.94	48.49	607.7 - 716.0	0	100

