

TRIGON CHEMICALS PVT.LTD.

Particle size analysis report

Range : 0.1um - 716um

Sample Name:Lithium Stearate SampleOwner:Trigon Chemicals Pvt. Ltd.
 Medium Name:Sunflower Oil MeasureDept:QC Derpartment
 Matter Index:1.52000+0.10000 Optical:Mie Operator:Priyanka
 Medium Index:1.468 Mode:7.22 - 0 Test Date:2019-04-15 Test Time:15:00:14
 Remark: LT-01 (0:3.00)-0-(0:3)

D50:3.574um D[4,3]:5.586um D[3,2]:0.732um Obscuration:1.69%
 Span:3.688 D[2,1]:0.065um SSA:1518m²/kg Residual:1.382%

D3:0.100um D10:0.415um D25:1.374um D30:1.751um D50:3.574um
 D75:7.586um D90:13.60um D95:18.34um D99:28.48um D100:46.89um

Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%
0.100 - 0.111	0.32	3.3	0.919 - 1.022	1.56	19.98	8.461 - 9.404	2.97	81.26	77.83 - 86.51	0	100
0.111 - 0.123	0.34	3.64	1.022 - 1.136	1.66	21.64	9.404 - 10.45	2.77	84.03	86.51 - 96.15	0	100
0.123 - 0.137	0.35	3.99	1.136 - 1.263	1.81	23.45	10.45 - 11.61	2.53	86.56	96.15 - 106.8	0	100
0.137 - 0.152	0.38	4.37	1.263 - 1.403	1.94	25.39	11.61 - 12.91	2.33	88.89	106.8 - 118.7	0	100
0.152 - 0.169	0.42	4.79	1.403 - 1.560	2.11	27.5	12.91 - 14.35	2.09	90.98	118.7 - 132.0	0	100
0.169 - 0.188	0.45	5.24	1.560 - 1.734	2.27	29.77	14.35 - 15.95	1.88	92.86	132.0 - 146.7	0	100
0.188 - 0.209	0.49	5.73	1.734 - 1.927	2.44	32.21	15.95 - 17.72	1.64	94.5	146.7 - 163.0	0	100
0.209 - 0.232	0.52	6.25	1.927 - 2.142	2.63	34.84	17.72 - 19.70	1.42	95.92	163.0 - 181.2	0	100
0.232 - 0.258	0.57	6.82	2.142 - 2.380	2.8	37.64	19.70 - 21.90	1.17	97.09	181.2 - 201.4	0	100
0.258 - 0.287	0.62	7.44	2.380 - 2.646	3.01	40.65	21.90 - 24.34	0.92	98.01	201.4 - 223.9	0	100
0.287 - 0.319	0.66	8.1	2.646 - 2.941	3.17	43.82	24.34 - 27.05	0.7	98.71	223.9 - 248.8	0	100
0.319 - 0.355	0.73	8.83	2.941 - 3.269	3.3	47.12	27.05 - 30.07	0.52	99.23	248.8 - 276.6	0	100
0.355 - 0.394	0.76	9.59	3.269 - 3.633	3.4	50.52	30.07 - 33.42	0.36	99.59	276.6 - 307.4	0	100
0.394 - 0.439	0.84	10.43	3.633 - 4.038	3.47	53.99	33.42 - 37.14	0.22	99.81	307.4 - 341.7	0	100
0.439 - 0.487	0.87	11.3	4.038 - 4.488	3.51	57.5	37.14 - 41.28	0.12	99.93	341.7 - 379.8	0	100
0.487 - 0.542	0.98	12.28	4.488 - 4.988	3.55	61.05	41.28 - 45.89	0.05	99.98	379.8 - 422.1	0	100
0.542 - 0.602	1.04	13.32	4.988 - 5.544	3.58	64.63	45.89 - 51.00	0.02	100	422.1 - 469.1	0	100
0.602 - 0.669	1.13	14.45	5.544 - 6.162	3.58	68.21	51.00 - 56.69	0	100	469.1 - 521.4	0	100
0.669 - 0.744	1.22	15.67	6.162 - 6.849	3.51	71.72	56.69 - 63.00	0	100	521.4 - 579.6	0	100
0.744 - 0.827	1.32	16.99	6.849 - 7.613	3.39	75.11	63.00 - 70.03	0	100	579.6 - 644.2	0	100
0.827 - 0.919	1.43	18.42	7.613 - 8.461	3.18	78.29	70.03 - 77.83	0	100	644.2 - 716.0	0	100

