DR.J.PHARMACHEM PVT.LTD.

Particle size analysis report

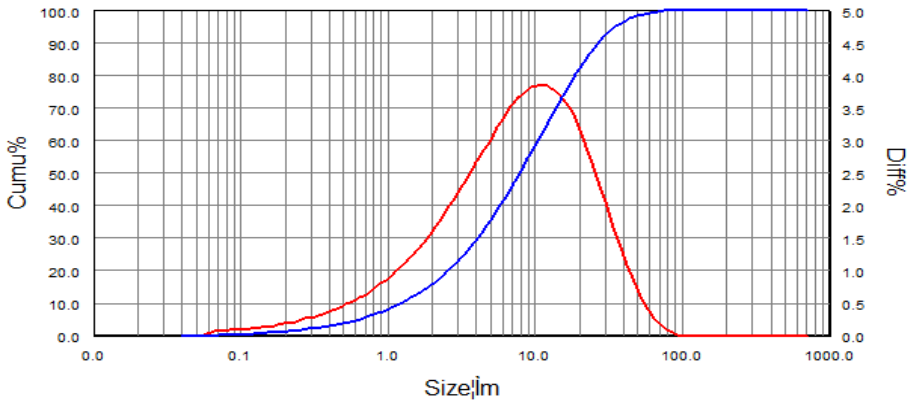
Range : 0.1um - 716um

Sample Name:Lithium Benzoate		SampleOwner:DR. J. PHARMACHEM PVT. LTD	
Medium Name:Sunflower Oil		MeasureDept:QC Department	
Matter Index:1.52000+0.10000 Optical:Mie		Operator:Priyanka	
Medium Index:1.468	Mode:7.23 - 0	Test Date:2026-09-04	Test Time:12:15:26
Remark:LiBz/030926 (1:3.00)-0-(0:3)			Distribution:Volume

D50:7.889um	D[4,3]:11.59um	D[3,2]:2.389um	Obscuration:8.17%
Span:3.278	D[2,1]:0.286um	SSA:930.1m^2/kg	Residual:1.104%

D3:0.399um	D6:0.749um	D10:1.236um	D25:3.281um	D50:7.889um
D75:16.00um	D90:27.09um	D95:35.64um	D99:54.98um	D100:91.47um

Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%
0.000 - 0.100	0.36	0.36	0.848 - 0.944	0.8	7.62	8.021 - 8.926	3.72	54.31	75.78 - 84.33	0.09	99.96
0.100 - 0.111	0.1	0.46	0.944 - 1.051	0.88	8.5	8.926 - 9.933	3.83	58.14	84.33 - 93.85	0.04	100
0.111 - 0.123	0.11	0.57	1.051 - 1.170	0.97	9.47	9.933 - 11.05	3.84	61.98	93.85 - 104.4	0	100
0.123 - 0.137	0.12	0.69	1.170 - 1.302	1.06	10.53	11.05 - 12.30	3.86	65.84	104.4 - 116.2	0	100
0.137 - 0.153	0.15	0.84	1.302 - 1.449	1.17	11.7	12.30 - 13.69	3.81	69.65	116.2 - 129.3	0	100
0.153 - 0.170	0.14	0.98	1.449 - 1.612	1.28	12.98	13.69 - 15.23	3.72	73.37	129.3 - 143.9	0	100
0.170 - 0.189	0.17	1.15	1.612 - 1.794	1.4	14.38	15.23 - 16.95	3.61	76.98	143.9 - 160.2	0	100
0.189 - 0.211	0.2	1.35	1.794 - 1.997	1.53	15.91	16.95 - 18.87	3.45	80.43	160.2 - 178.2	0	100
0.211 - 0.235	0.2	1.55	1.997 - 2.222	1.67	17.58	18.87 - 21.00	3.22	83.65	178.2 - 198.4	0	100
0.235 - 0.261	0.23	1.78	2.222 - 2.473	1.82	19.4	21.00 - 23.37	2.9	86.55	198.4 - 220.8	0	100
0.261 - 0.291	0.27	2.05	2.473 - 2.752	1.99	21.39	23.37 - 26.00	2.59	89.14	220.8 - 245.7	0	100
0.291 - 0.324	0.28	2.33	2.752 - 3.063	2.15	23.54	26.00 - 28.94	2.3	91.44	245.7 - 273.4	0	100
0.324 - 0.360	0.32	2.65	3.063 - 3.409	2.31	25.85	28.94 - 32.21	1.99	93.43	273.4 - 304.3	0	100
0.360 - 0.401	0.36	3.01	3.409 - 3.794	2.48	28.33	32.21 - 35.84	1.66	95.09	304.3 - 338.6	0	100
0.401 - 0.446	0.39	3.4	3.794 - 4.222	2.66	30.99	35.84 - 39.89	1.37	96.46	338.6 - 376.9	0	100
0.446 - 0.497	0.44	3.84	4.222 - 4.699	2.85	33.84	39.89 - 44.39	1.09	97.55	376.9 - 419.4	0	100
0.497 - 0.553	0.49	4.33	4.699 - 5.229	3.01	36.85	44.39 - 49.40	0.83	98.38	419.4 - 466.8	0	100
0.553 - 0.615	0.53	4.86	5.229 - 5.819	3.2	40.05	49.40 - 54.98	0.62	99	466.8 - 519.4	0	100
0.615 - 0.685	0.6	5.46	5.819 - 6.476	3.36	43.41	54.98 - 61.19	0.42	99.42	519.4 - 578.1	0	100
0.685 - 0.762	0.64	6.1	6.476 - 7.207	3.52	46.93	61.19 - 68.09	0.28	99.7	578.1 - 643.3	0	100
0.762 - 0.848	0.72	6.82	7.207 - 8.021	3.66	50.59	68.09 - 75.78	0.17	99.87	643.3 - 716.0	0	100



Size	Percent
0.200	1.25
0.500	3.86
1.000	8.08
2.000	15.93
5.000	35.55
10.00	58.37
20.00	82.13
45.00	97.65
75.00	99.85
100.0	100.00