DR.J.PHARMACHEM PVT.LTD.

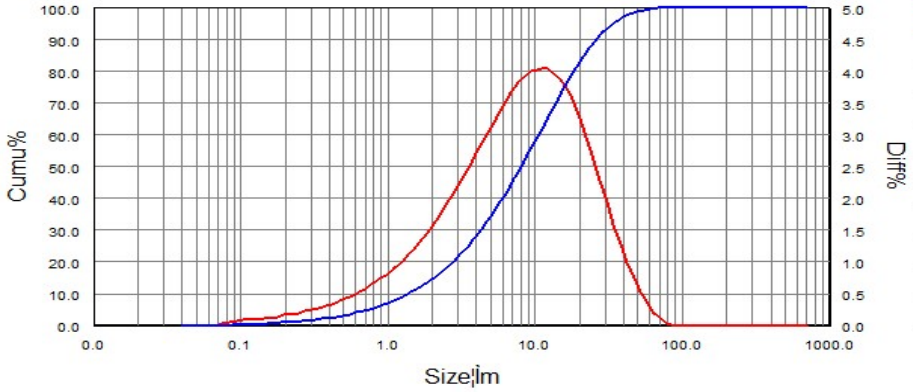
Particle size analysis report

Range : 0.1um - 716um

Sample Name:Zinc 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:2026-10-16	Test Time:14:27:19
Remark:ZnBz/150926	(0:3.00)-0-(0:3)		Distribution:Volume
D50:8.062um	D[4,3]:11.41um	D[3,2]:2.741um	Obscuration:7.18%
Span:3.058	D[2,1]:0.379um	SSA:810.6m^2/kg	Residual:0.489%

D3:0.475um	D6:0.864um	D10:1.389um	D25:3.508um	D50:8.062um
D75:15.80um	D90:26.05um	D95:34.05um	D99:51.76um	D100:81.48um

Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%	Diam um	Diff%	Cumu%
0.000 - 0.100	0.16	0.16	0.848 - 0.944	0.74	6.61	8.021 - 8.926	3.9	53.72	75.78 - 84.33	0.03	100
0.100 - 0.111	0.09	0.25	0.944 - 1.051	0.81	7.42	8.926 - 9.933	4.01	57.73	84.33 - 93.85	0	100
0.111 - 0.123	0.09	0.34	1.051 - 1.170	0.92	8.34	9.933 - 11.05	4.03	61.76	93.85 - 104.4	0	100
0.123 - 0.137	0.1	0.44	1.170 - 1.302	0.99	9.33	11.05 - 12.30	4.06	65.82	104.4 - 116.2	0	100
0.137 - 0.153	0.12	0.56	1.302 - 1.449	1.12	10.45	12.30 - 13.69	4.01	69.83	116.2 - 129.3	0	100
0.153 - 0.170	0.12	0.68	1.449 - 1.612	1.22	11.67	13.69 - 15.23	3.9	73.73	129.3 - 143.9	0	100
0.170 - 0.189	0.14	0.82	1.612 - 1.794	1.35	13.02	15.23 - 16.95	3.78	77.51	143.9 - 160.2	0	100
0.189 - 0.211	0.17	0.99	1.794 - 1.997	1.49	14.51	16.95 - 18.87	3.57	81.08	160.2 - 178.2	0	100
0.211 - 0.235	0.18	1.17	1.997 - 2.222	1.63	16.14	18.87 - 21.00	3.32	84.4	178.2 - 198.4	0	100
0.235 - 0.261	0.19	1.36	2.222 - 2.473	1.8	17.94	21.00 - 23.37	2.96	87.36	198.4 - 220.8	0	100
0.261 - 0.291	0.23	1.59	2.473 - 2.752	1.96	19.9	23.37 - 26.00	2.6	89.96	220.8 - 245.7	0	100
0.291 - 0.324	0.25	1.84	2.752 - 3.063	2.14	22.04	26.00 - 28.94	2.29	92.25	245.7 - 273.4	0	100
0.324 - 0.360	0.27	2.11	3.063 - 3.409	2.31	24.35	28.94 - 32.21	1.94	94.19	273.4 - 304.3	0	100
0.360 - 0.401	0.32	2.43	3.409 - 3.794	2.51	26.86	32.21 - 35.84	1.59	95.78	304.3 - 338.6	0	100
0.401 - 0.446	0.34	2.77	3.794 - 4.222	2.7	29.56	35.84 - 39.89	1.28	97.06	338.6 - 376.9	0	100
0.446 - 0.497	0.4	3.17	4.222 - 4.699	2.9	32.46	39.89 - 44.39	0.98	98.04	376.9 - 419.4	0	100
0.497 - 0.553	0.43	3.6	4.699 - 5.229	3.1	35.56	44.39 - 49.40	0.74	98.78	419.4 - 466.8	0	100
0.553 - 0.615	0.48	4.08	5.229 - 5.819	3.29	38.85	49.40 - 54.98	0.52	99.3	466.8 - 519.4	0	100
0.615 - 0.685	0.53	4.61	5.819 - 6.476	3.48	42.33	54.98 - 61.19	0.35	99.65	519.4 - 578.1	0	100
0.685 - 0.762	0.59	5.2	6.476 - 7.207	3.67	46	61.19 - 68.09	0.2	99.85	578.1 - 643.3	0	100
0.762 - 0.848	0.67	5.87	7.207 - 8.021	3.82	49.82	68.09 - 75.78	0.12	99.97	643.3 - 716.0	0	100



Size	Percent
0.200	0.90
0.500	3.19
1.000	7.03
2.000	14.53
5.000	34.22
10.00	57.97
20.00	82.84
45.00	98.13
75.00	99.95
100.0	100.00