

Particle Size Test Report

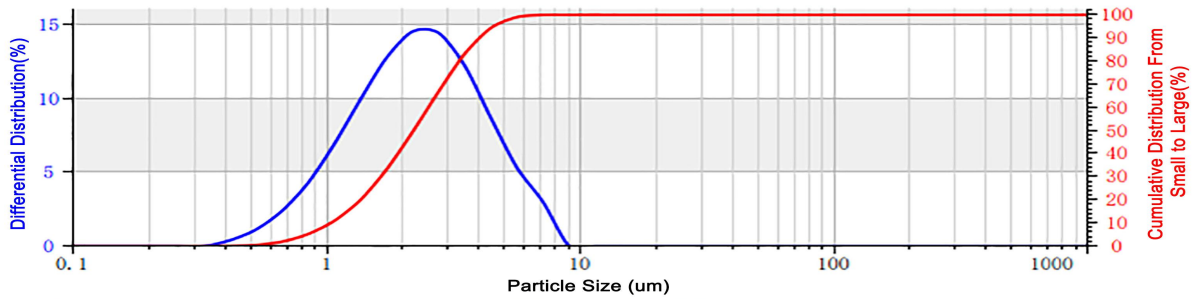
LS-609

Sample Name	Sop Name	Test Time	Sample No.
FF-5 (average result)		2019/8/20 13:11:50	
Tester	Background Sampling Time	Single Sampling Time	Result Type
Administrator	5second	5second	Volume (V)

Sample Material	Sample Material Refractive Index	Sample Material Absorption Rate	Dispersing Medium
Glow in the dark powder	2	0.1	Alcohol
Dispersion Medium Refractive Index	Analysis Mode	Refractive Index	Scope of Analysis
1.32	General Mode	17.69	0.1~1000

Dmax (μm)	D10 (μm)	D50 (μm)	D75 (μm)
8.597	1.036	2.216	3.134
D90 (μm)	D97 (μm)	D3,2 (μm)	D3,4 (μm)
4.082	5.119	1.839	2.406
Span	Volume to Surface Area (sq.m/c.c.)	Weight to Surface Area (m ² /kg)	Residual (%)
1.375	3.262	3261.903	0.028

Particle Size Distribution Map



partical size (μm)	differen-tial (%)	accumula-tion (%)	partical size (μm)	differen-tial (%)	accumula-tion (%)	partical size (μm)	differen-tial (%)	accumula-tion (%)	partical size (μm)	differen-tial (%)	accumula-tion (%)
0.100	0.00	0.00	1.075	5.66	10.88	11.565	0.00	100.00	124.370	0.00	100.00
0.127	0.00	0.00	1.364	8.95	19.83	14.666	0.00	100.00	157.715	0.00	100.00
0.161	0.00	0.00	1.729	13.17	33.00	18.598	0.00	100.00	200.000	0.00	100.00
0.204	0.00	0.00	2.193	16.24	49.24	23.584	0.00	100.00	253.620	0.00	100.00
0.259	0.00	0.00	2.781	17.53	66.78	29.907	0.00	100.00	321.620	0.00	100.00
0.328	0.00	0.00	3.527	16.33	83.11	37.925	0.00	100.00	407.850	0.00	100.00
0.416	0.06	0.06	4.472	11.20	94.30	48.094	0.00	100.00	517.200	0.00	100.00
0.527	0.47	0.53	5.671	4.74	99.04	60.988	0.00	100.00	655.870	0.00	100.00
0.669	1.44	1.96	7.192	0.94	99.98	77.339	0.00	100.00	831.710	0.00	100.00
0.848	3.25	5.22	9.120	0.02	100.00	98.075	0.00	100.00	1000.000	0.00	100.00