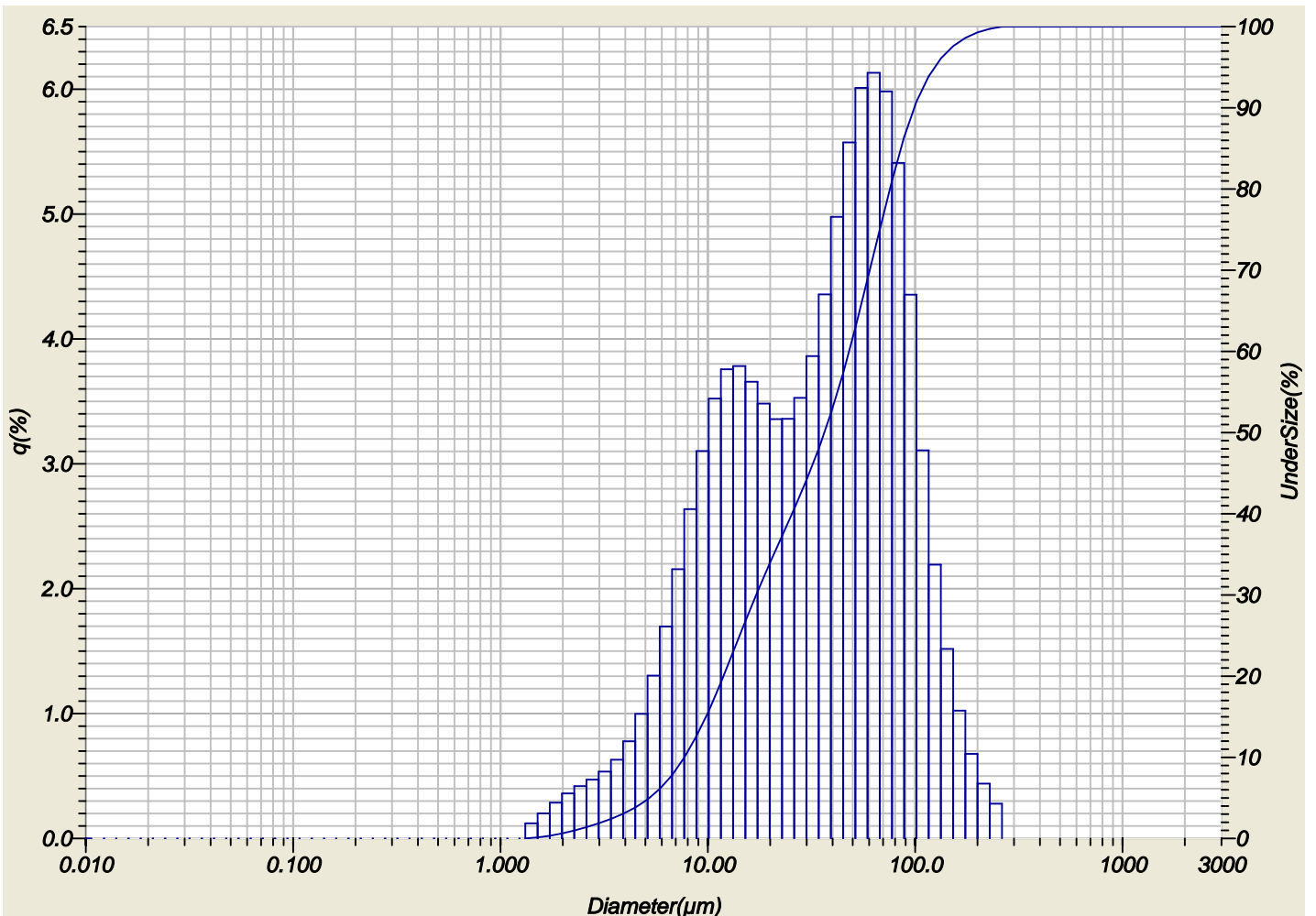


Sample Name : B mix
 Material : Silica
 Source : PTL
 Lot Number : EXAMPLE
 Test or Assay. Number : 1

Circulation Speed : 9
 Ultra Sonic : OFF
 Agitation Speed : 3
 Transmittance(R) : 82.1(%)
 Transmittance(B) : 79.4(%)
 Distribution Base : Volume
 Refractive Index (R) : 1.60-0i in water[]

Median Size	: 36.47534(μm)		: (9)10.00 (μm)- 15.464(%)
Mean Size	: 46.66301(μm)		: (10)5.000 (μm)- 4.616(%)
Mode Size	: 63.0730(μm)	Diameter on Cumulative %	: (2)10.00 (%) - 7.7174(μm)
Cumulative % on Diameter	: (3)400.0 (μm)- 100.000(%)		: (6)50.00 (%) - 36.4753(μm)
	: (4)300.0 (μm)- 100.000(%)		: (9)90.00 (%) - 99.0529(μm)
	: (5)150.0 (μm)- 97.404(%)		
	: (6)100.0 (μm)- 90.305(%)		
	: (7)50.00 (μm)- 61.699(%)		
	: (8)20.00 (μm)- 33.999(%)		



DATA TABLE

No.	Diameter(µm)	q(%)	UnderSize(%)	No.	Diameter(µm)	q(%)	UnderSize(%)	No.	Diameter(µm)	q(%)	UnderSize(%)
1	0.011	0.000	0.000	30	0.584	0.000	0.000	59	29.907	3.527	44.123
2	0.013	0.000	0.000	31	0.669	0.000	0.000	60	34.255	3.862	47.984
3	0.015	0.000	0.000	32	0.766	0.000	0.000	61	39.234	4.356	52.340
4	0.017	0.000	0.000	33	0.877	0.000	0.000	62	44.938	4.977	57.317
5	0.020	0.000	0.000	34	1.005	0.000	0.000	63	51.471	5.573	62.889
6	0.022	0.000	0.000	35	1.151	0.000	0.000	64	58.953	6.009	68.899
7	0.026	0.000	0.000	36	1.318	0.000	0.000	65	67.523	6.129	75.028
8	0.029	0.000	0.000	37	1.510	0.120	0.120	66	77.339	5.981	81.009
9	0.034	0.000	0.000	38	1.729	0.200	0.320	67	88.583	5.408	86.417
10	0.039	0.000	0.000	39	1.981	0.286	0.606	68	101.460	4.353	90.770
11	0.044	0.000	0.000	40	2.269	0.360	0.966	69	116.210	3.107	93.877
12	0.051	0.000	0.000	41	2.599	0.418	1.384	70	133.103	2.192	96.069
13	0.058	0.000	0.000	42	2.976	0.470	1.854	71	152.453	1.516	97.585
14	0.067	0.000	0.000	43	3.409	0.534	2.388	72	174.616	1.022	98.607
15	0.076	0.000	0.000	44	3.905	0.630	3.018	73	200.000	0.676	99.284
16	0.087	0.000	0.000	45	4.472	0.778	3.796	74	229.075	0.438	99.722
17	0.100	0.000	0.000	46	5.122	0.997	4.794	75	262.376	0.278	100.000
18	0.115	0.000	0.000	47	5.867	1.303	6.097	76	300.518	0.000	100.000
19	0.131	0.000	0.000	48	6.720	1.696	7.793	77	344.206	0.000	100.000
20	0.150	0.000	0.000	49	7.697	2.155	9.948	78	394.244	0.000	100.000
21	0.172	0.000	0.000	50	8.816	2.636	12.584	79	451.556	0.000	100.000
22	0.197	0.000	0.000	51	10.097	3.101	15.684	80	517.200	0.000	100.000
23	0.226	0.000	0.000	52	11.565	3.521	19.205	81	592.387	0.000	100.000
24	0.259	0.000	0.000	53	13.246	3.756	22.961	82	678.504	0.000	100.000
25	0.296	0.000	0.000	54	15.172	3.781	26.743	83	777.141	0.000	100.000
26	0.339	0.000	0.000	55	17.377	3.656	30.398	84	890.116	0.000	100.000
27	0.389	0.000	0.000	56	19.904	3.481	33.879	85	1019.515	0.000	100.000
28	0.445	0.000	0.000	57	22.797	3.357	37.236	86	1167.725	0.000	100.000
29	0.510	0.000	0.000	58	26.111	3.360	40.596	87	1337.481	0.000	100.000

Particle Technology Ltd - Application Laboratory for Horiba Particle Size Analysers in the UK and Northern Europe

Particle Size Standards - Standard Test Dusts - Sieves - Particle Size Analysis - Environmental Dust Testing

This test was carried out on the HORIBA LA-950 Wet ver 3.5