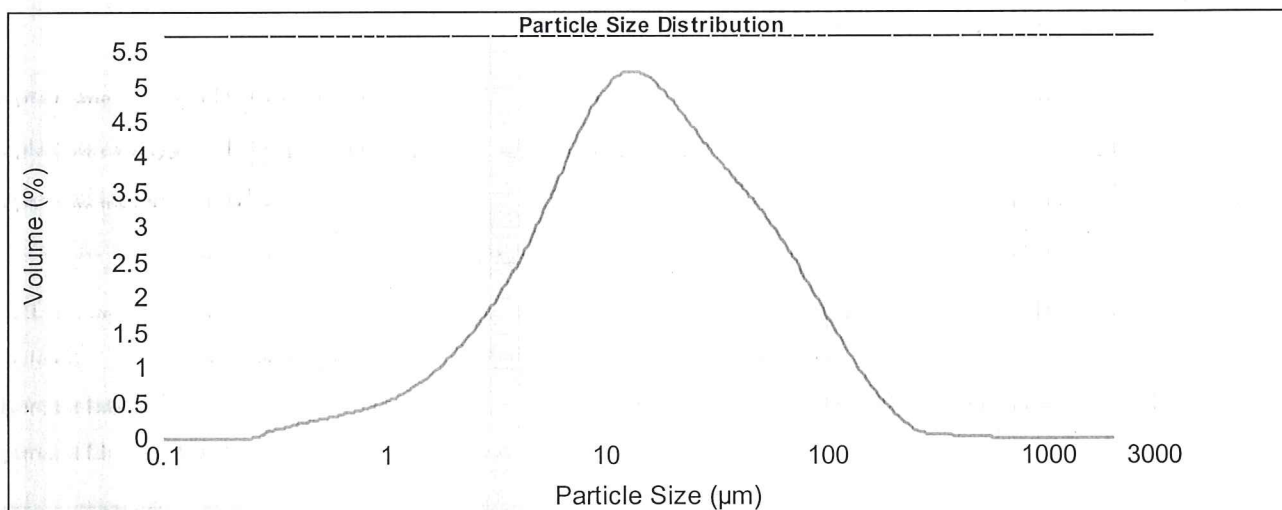


## Result Analysis Report

**Sample Name:** Cer D - Colombia - Average      **SOP Name:** ash      **Measured:** 02/09/11 11:05:00  
**Sample Source & type:** Factory = Rutenberg -      **Measured by:** user      **Analysed:** 02/09/11 11:05:01  
**Sample bulk lot ref:** 15/6/10      **Result Source:** Averaged

**Particle Name:** Aluminium silicate      **Accessory Name:** Scirocco 2000 (A)      **Obscuration:** 9.69 %  
**Particle RI:** 1.650      **Absorption:** 0.1      **Analysis model:** General purpose  
**Dispersant Name:**      **Size range:** 0.020 to 2000.000 um      **Weighted Residual:** 0.087 %  
**Dispersant RI:** 1.000      **Result Emulation:** Off

**Concentration:** 0.0018 %Vol      **Vol. Weighted Mean D[4,3]:** 28.294 um      **Specific Surface Area:** 0.915 m<sup>2</sup>/g  
**Span :** 4.487      **Uniformity:** 1.4      **Surface Weighted Mean D[3,2]:** 6.556 um  
**Result units:** Volume  
**d(0.1):** 3.065 um      **d(0.5):** 15.070 um      **d(0.9):** 70.682 um



Cer D - Colombia - Average, 02/09/11 11:05:00

Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %	Size (µm)	Volume In %
0.020	0.00	0.142	0.00	1.002	0.41	7.096	3.22	50.238	2.37	355.656	0.02
0.022	0.00	0.159	0.00	1.125	0.46	7.962	3.46	56.368	2.21	399.052	0.01
0.025	0.00	0.178	0.00	1.262	0.53	8.934	3.65	63.246	2.03	447.744	0.01
0.028	0.00	0.200	0.00	1.416	0.61	10.024	3.80	70.963	1.83	502.377	0.00
0.032	0.00	0.224	0.00	1.589	0.71	11.247	3.89	79.621	1.63	563.677	0.00
0.036	0.00	0.252	0.00	1.783	0.71	12.619	3.92	89.337	1.42	632.456	0.00
0.040	0.00	0.283	0.07	2.000	0.93	14.159	3.92	100.237	1.21	709.627	0.00
0.045	0.00	0.317	0.10	2.244	1.07	15.887	3.81	112.468	1.01	796.214	0.00
0.050	0.00	0.356	0.12	2.518	1.21	17.825	3.69	126.191	0.82	893.367	0.00
0.056	0.00	0.399	0.16	2.825	1.37	20.000	3.55	141.589	0.64	1002.374	0.00
0.063	0.00	0.448	0.18	3.170	1.54	22.440	3.39	158.866	0.49	1124.683	0.00
0.071	0.00	0.502	0.21	3.557	1.74	25.179	3.24	178.250	0.35	1261.915	0.00
0.080	0.00	0.564	0.23	3.991	1.95	28.251	3.08	200.000	0.23	1415.892	0.00
0.089	0.00	0.632	0.26	4.477	2.18	31.698	2.94	224.404	0.13	1588.656	0.00
0.100	0.00	0.710	0.29	5.024	2.43	35.566	2.80	251.785	0.06	1782.502	0.00
0.112	0.00	0.796	0.32	5.637	2.70	39.905	2.67	282.508	0.04	2000.000	0.00
0.126	0.00	0.893	0.36	6.325	2.97	44.774	2.53	316.979	0.03		
0.142	0.00	1.002	0.41	7.096	3.22	50.238	2.37	355.656	0.02		

Operator notes: