

Specification Sheet

Product Name: **Silicon dioxide**
Specifications & Purity: 99.8%,specific surface area (BET) : 380m²/g;particle size : 7-40nm
SKU # **S104598**

Parameter	Limit Values
Purity(Based On Trace Metals Analysis)	99.8-100 (%)
Specific surface area (BET)	360-400
loss on Ignition	0-2.5 (%)
Loss on drying	0-2.5 (%)
Tamped density(2h based on the product after drying 105 °C)	40-60 (g/L)
Silica content(Based on the product after ignition)	99.8-100 (%)
Trace Metal Analysis	0-2000 (ppm)
PH-value in 4% dispersion	3.7-4.5
Particle size	7-40 (nm)
Sieve residue (45µm)	0-0.04 (%)
Carbon content(2h based on the product after drying 105 °C)	0-0.15 (%)
Appearance (S104598)	White flocculent solid
ICP: Confirms Silicon Component	Confirmed