

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Nano fumed silica**
Specifications & Purity: nanopowder,99.8% metals basis,specific surface area(BET) : 170m²/g;particle size : 7-40nm;Hydrophobic
SKU # **S104589**

Parameter	Limit Values
Silica content(Based on the product after ignition)	99.8-100 (%)
Tamped density(2h based on the product after drying 105 °C)	40-60 (g/L)
loss on Ignition	0-2.5 (%)
PH-value in 4% dispersion(Water:ethanol=1:1)	3.7-4.5
Specific surface area (BET)	150-190
Loss on drying	0-0.5 (%)
Carbon content(2h based on the product after drying 105 °C)	1-1.8 (%)
X-Ray Diffraction	Conforms to Structure
Particle size	7-40 (nm)