

## Specification Sheet

Product Name: **Nano fumed silica**  
Specifications & Purity: 99.8%, BET: 150m<sup>2</sup>/g  
SKU #: **N493103**

Parameter	Limit Values
Appearance(N493103)	White flocculent solid
PH-value in 4% dispersion	3.9-4.5
Purity(Based On Trace Metals Analysis)	99.8-100 (%)
Trace Metal Analysis	0-0.2 (%)
Loss on drying	0-1.5 (%)
loss on Ignition	0-2 (%)
Specific surface area (BET)	135-165
Carbon content(2h based on the product after drying 105 °C)	0-0.2 (%)
Al <sub>2</sub> O <sub>3</sub>	0-300 (ppm)
TiO <sub>2</sub>	0-200 (ppm)
Fe <sub>2</sub> O <sub>3</sub>	0-30 (ppm)
Tamped density(2h based on the product after drying 105 °C)	40-60
ICP: Confirms Silicon Component	Confirmed
Sieve residue(45µm)	0-250 (ppm)