

Certificate of Analysis

Date of Testing: 2022-11-17 17:57:43
Date of Next Testing: 2026-11-16 17:57:43
Product Name: **Nano fumed silica**
CAS Number: 112945-52-5
Specifications & Purity: 99.8% metals basis,specific surface area(BET):100m2/g;particle size : 7-40nm;Hydrophobic
Lot #: K2215719
SKU #: **S104592**
Analysis: **130283**

Parameter	Limit Values	Result
Loss on ignition (1000 °C,2h,after 105 °C drying 2h)	0-10 (wt%)	0.63 wt%
Silica content(Based on the product after ignition)	99.8-100 (%)	99.98 %
loss on drying(105°C,2 h)	0-1 (%)	0.60 %
Specific surface area (BET)	80-140 (m2/g)	102.05 m2/g
PH	4-6.5	6.40
Carbon content(2h based on the product after drying 105 °C)	4.5-6.5 (wt%)	6.48 wt%
Appearance (S104592)	White powder	White powder



John Su
QA & QC Manager