

Certificate of Analysis

Date of Testing: 2024-12-10 10:06:04

Date of Next Testing: 2028-12-09 10:06:04

Product Name: **Nano fumed silica**

CAS Number: 112945-52-5

Specifications & Purity: $\geq 99.8\%$ metals basis, specific surface area(BET):100m²/g,particle size:7-40nm,Hydrophobic

Lot #: K2429735

SKU #: **S104592**

Version: **0**

Analysis #: **426501**

Parameter	Limit Values	Result
Loss on ignition (1000 °C,2h,after 105 °C drying 2h)	0-10 (wt%)	1.38 wt%
Silica content(Based on the product after ignition)	99.8-100 (%)	100.00 %
loss on drying(105°C,2 h)	0-1 (%)	0.73 %
Specific surface area (BET)	80-140 (m ² /g)	136.91 m ² /g
Carbon content(2h based on the product after drying 105 °C)	4.5-6.5 (wt%)	5.64 wt%
PH	4-6.5	5.25
Appearance (S104592)	White powder	White powder



John Su
QA & QC Manager