

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-05-19 15:17:18

Date of Next Testing: 2029-05-18 15:17:18

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 #: D2518441

SKU #: **V33940**

Version: **0**

Analysis #: **515465**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on ignition (1000 °C,2h,after 105 °C drying 2h)	0-10 (wt%)	1.82 wt%
Silica content(Based on the product after ignition)	99.8-100 (%)	99.99 %
loss on drying(105°C,2 h)	0-1 (%)	0.68 %
Specific surface area (BET)	80-140 (m ² /g)	133.51 m ² /g
PH	4-6.5	6.50
Carbon content(2h based on the product after drying 105 °C)	4.5-6.5 (wt%)	5.09 wt%
Appearance(V33940)	White powder	White powder

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

