

## Certificate of Analysis

Date of Testing: 2022-03-08 16:46:42  
Date of Next Testing: 2026-03-07 16:46:42  
Product Name: **Silica,fumed**  
CAS Number: 112945-52-5  
Specifications & Purity: hydrophobic, BET surface:300 m2/g  
Lot #: C2201412  
SKU #: **S124829**  
Analysis: **060313**

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.03 %
Tamped density	30-50 (g/L)	45.00 g/L
Residual silanol content(in relation to the hydrophilic sili	45-55 (%)	50.00 %
Specific surface area (BET)	270-330 (m2/g)	300.00 m2/g
PH in 4 % dispersion (1:1 mixture of water-methanol)	3.8-4.8	4.00
Carbon by Elemental Analysis	1.4-2.6 (%)	2.20 %
residue on sieve	0-0.05 (%)	0.03 %



John Su  
QA & QC Manager