

## Certificate of Analysis

Date of Testing: 2021-12-18 15:58:53  
Date of Next Testing: 2025-12-17 15:58:53  
Product Name: **Silica,fumed**  
CAS Number: 112945-52-5  
Specifications & Purity: hydrophobic, BET surface:300 m2/g  
Lot #: L2106814  
SKU #: **S124829**  
Analysis: **059891**

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)	330.00 m2/g
PH in 4 % dispersion (1:1 mixture of water-methanol)	3.8-4.8	4.80
Carbon by Elemental Analysis	1.4-2.6 (%)	2.10%
residue on sieve	0-0.05 (%)	0.03%



John Su  
QA & QC Manager