

## Certificate of Analysis

Date of Testing: 2023-02-14 14:52:55  
Date of Next Testing: 2027-02-13 14:52:55  
Product Name: **Silica,fumed**  
CAS Number: 112945-52-5  
Specifications & Purity: hydrophobic, BET surface:300 m2/g  
Lot #: B2311244  
SKU #: **S124829**  
**Analysis: 187385**

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.41 %
Tamped density	30-50 (g/L)	35.26 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	4.20
Carbon by Elemental Analysis	1.4-2.6 (%)	2.20 %
residue on sieve	0-0.05 (%)	0.02 %



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QA & QC Manager