

Certificate of Analysis

Date of Testing: 2024-11-28 16:13:30
Date of Next Testing: 2028-11-27 16:13:30
Product Name: **Silica,fumed**
CAS Number: 112945-52-5
Specifications & Purity: hydrophobic, BET surface:300 m2/g
Lot #: K2422425
SKU #: **S124829**
Version: **0**
Analysis #: **353586**

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.00 %
Tamped density	30-50 (g/L)	40.00 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	4.50
Carbon by Elemental Analysis	1.4-2.6 (%)	2.20 %
residue on sieve	0-0.05 (%)	0.03 %



John Su
QA & QC Manager