

Certificate of Analysis

Date of Testing: 2025-09-13 16:48:00

Date of Next Testing: 2029-09-12 16:48:00

Product Name: **Silica,fumed**

CAS Number: 112945-52-5

Specifications & Purity: Hydrophobic, specific surface area(BET):300 m2/g

Lot #: I2503551

SKU # **S124829**

Version **1**

Analysis #: **576723**

Parameter	Limit Values	Result
Loss on drying	0-0.6 (%)	0.10 %
Tamped density	30-50 (g/L)	46.84 g/L
Residual silanol content(in relation to the hydrophilic sili	45-55 (%)	48.93 %
Specific surface area (BET)	270-330 (m2/g)	272.45 m2/g
residue on sieve	0-0.05 (%)	0.00 %
PH-value in 4% dispersion(Water:ethanol=1:1)	5.5-8	6.53
Carbon content(2h based on the product after drying 105 °C)	2.5-4 (%)	3.00 %



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QA & QC Manager