

Certificate of Analysis

Date of Testing: 2021-12-20 17:08:18
Date of Next Testing: 2025-12-19 17:08:18
Product Name: **Silica,fumed**
CAS Number: 112945-52-5
Specifications & Purity: hydrophobic, BET surface:300 m2/g
Lot #: L2111336
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 % |



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