

## Certificate of Analysis

Date of Testing: 2023-07-05 15:34:46  
Date of Next Testing: 2027-07-04 15:34:46  
Product Name: **Silica,fumed**  
CAS Number: 112945-52-5  
Specifications & Purity: hydrophilic, BET surface:100 m2/g  
Lot #: F23281045  
SKU #: **S124826**  
**Analysis: 223871**

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.48 %
Assay	99.8-100 (%)	99.96 %
PH (4%, aqueous emulsion)	3.7-4.5	4.48
Carbon by Elemental Analysis	0-0.2 (%)	0.00 %
Residue on sieve(325 Mesh Residue)	0-0.03 (%)	0.00320 %
BET Specific surface area	80-120 (m2/g)	80.01 m2/g
Tamped density	40-60 (g/L)	54.00 g/L
Appearance (S124826)	White flocculent powder	White flocculent powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager