

Certificate of Analysis

Date of Testing: 2023-09-13 09:44:37
Date of Next Testing: 2027-09-12 09:44:37
Product Name: **Silica,fumed**
CAS Number: 112945-52-5
Specifications & Purity: hydrophilic, BET surface:100 m2/g
Lot #: I2308857
SKU # **S124826**
Analysis: 257097

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.56 %
Assay	99.8-100 (%)	99.99 %
Tamped density	40-60 (g/L)	45.86 g/L
BET Specific surface area	80-120 (m2/g)	80.00 m2/g
PH (4%, aqueous emulsion)	3.7-4.5	4.50
Carbon by Elemental Analysis	0-0.2 (%)	0.20 %
Residue on sieve(325 Mesh Residue)	0-0.03 (%)	0.00320 %
Appearance (S124826)	White flocculent powder	White flocculent powder



John Su
QA & QC Manager