

Certificate of Analysis

Date of Testing: 2023-10-24 09:19:54
Date of Next Testing: 2026-10-23 09:19:54
Product Name: **Silica**
CAS Number: 7631-86-9
Specifications & Purity: mesoporous SBA-15, <150 µm particle size, pore size 8 nm, Hexagonal pore morphology
Lot #: J2318671
SKU #: **S433689**
Analysis: **283493**

Parameter	Limit Values	Result
Particle size(D50)	0-150 (µm)	125.30 µm
Surface area	450-550 (m ² /g)	528.00 m ² /g
Pore volume	0.8-1 (cm ³ /g)	0.90 cm ³ /g
Average Pore Diameter	7-9 (nm)	8.00000 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90 %
Trace Metal Analysis	0-1000 (ppm)	32.50 ppm
Appearance(S433689)	White Powder	White powder
X-Ray Diffraction (Hexagonal)	Conforms to Structure	Conforms to Structure
ICP: Confirms Silicon Component	Confirmed	Confirmed



John Su
QA & QC Manager