

Certificate of Analysis

Date of Testing: 2025-04-07 16:06:09
Date of Next Testing: 2028-04-06 16:06:09
Product Name: **Silica, mesostructured**
CAS Number: 7631-86-9
Specifications & Purity: MCM-41 type (hexagonal)
Lot #: D2503581
SKU #: **S433662**
Version: **2**
Analysis #: **486271**

Parameter	Limit Values	Result
Average Pore Size	1.5-10 (nm)	2.93600 nm
Specific Surface Area	> 1000 (m ² /g)	1039.00 m ² /g
Pore volume	0.88-1.078 (cm ³ /g)	0.96 cm ³ /g
Appearance(S433662)	White Powder	White powder
ICP Major Analysis(Confirms Si Componen)	Confirmed	Confirmed
Framework Structure(Hexagonal)	pass	Pass
Miscellaneous Assay(MCM-41 Type Confirmed)	Confirmed	Confirmed



John Su
QA & QC Manager