

## Certificate of Analysis

Date of Testing: 2025-06-23 17:47:47  
Date of Next Testing: 2028-06-22 17:47:47  
Product Name: **Silica, mesostructured**  
CAS Number: 7631-86-9  
Specifications & Purity: MCM-41 type (hexagonal)  
Lot #: F2520618  
SKU #: **S433662**  
Version: **2**  
Analysis #: **521208**

Parameter	Limit Values	Result
Average Pore Size	1.5-10 (nm)	2.86910 nm
Specific Surface Area	> 1000 (m <sup>2</sup> /g)	1004.58 m <sup>2</sup> /g
Pore volume	0.88-1.078 (cm <sup>3</sup> /g)	0.88 cm <sup>3</sup> /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