

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 15:47:59

Date of Next Testing: 2029-10-12 15:47:59

Product Name: **Mcm-41 molecular sieve**

CAS Number:

Specifications & Purity: Pore diameter 3.5nm, specific surface area (m²/g) > 850, pore volume (cm³/g) ≥0.80, sodium content (%) ≤0.5

Lot #: I2525732

SKU # **M196708**

Version **0**

Analysis #: **486189**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
loss on Ignition	0-5 (%)	3.50000 %
pore size	2-5 (nm)	3.80000 nm
Relative crystallinity	90-100 (%)	95.00000 %
BET Specific surface area	≥850	1100.00000
Na ₂ O	0-0.5 (%)	0.14000 %
SiO ₂ /Al ₂ O ₃ mol	all silicon	all silicon



John Su
QA & QC Manager