

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-18 10:54:25

Date of Next Testing: 2030-05-17 10:54:25

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 #: E2612029

SKU #: **M196708**

Version: **0**

Analysis #: **190399**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Na ₂ O	0-0.1 (%)	0.10000 %
loss on Ignition	0-5 (%)	5.00000 %
pore size	2-5 (nm)	3.50000 nm
Relative crystallinity	90-100 (%)	90.00000 %
BET Specific surface area	≥850	900.00000
SiO ₂ /Al ₂ O ₃ mol	all silicon	all silicon



John Su
QA & QC Manager