

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-16 08:46:53

Date of Next Testing: 2029-07-15 08:46:53

Product Name: **Mcm-22 molecular sieve**

CAS Number:

Specifications & Purity: Pore diameter (nm): 0.55-1.0 Silicon to aluminum ratio: 30

Lot #: G2615641

SKU #: **M196705**

Version: **0**

Analysis #: **733564**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Na2O	0-0.02 (wt%)	0.02000 wt%
Crystal Size	0.2-0.5 (μm)	0.42000 μm
Ignition Loss(550°C 3h)	0-8 (wt%)	7.50000 wt%
pore size(lengh)	0.55-1.0 (nm)	0.80000 nm
SiO2/Al2O3(30mol/mol)	30mol/mol	30mol/mol
Specific Surface Area,600 m2/g	Conforms	Conforms
Crush Strengsh	>90N	>90N
Shape	D=2-2.5mm , L=5-10mm	D=2-2.5mm , L=5-10mm
Volume density	500Kg/m3	500Kg/m3



John Su
QA & QC Manager