

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-05 19:04:30
 Date of Next Testing: 2029-08-04 19:04:30
 Product Name: **Molecular sieves, 5 Å**
 CAS Number: 69912-79-4
 Specifications & Purity: 2mm-3mm,for drier
 Lot #: H2504611
 SKU #: **M140028**
 Version: **0**
 Analysis #: **542302**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water Absorption	≥21 (%)	21.84000 %
bulk density	0.6-0.7 (g/ml)	0.65000 g/ml
Compressive Strength	≥50 (N/gram)	89.80000 N/gram
Abrasion loss	0-0.4 (%)	0.08000 %
CO2 adsorption capacity	≥15 (%)	15.30000 %
n-Hexane adsorption	≥12 (%)	12.60000 %
Oxygen retention 42°C	≥2.8 (%)	3.40000 %
Particle size	2-3 (mm)	2.07000 mm
Nitrogen retention 42°C	≥8 (%)	8.60000 %
Appearance (M140028)	Tan beads	Tan beads



John Su
QA & QC Manager