

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-12 22:29:45  
Date of Next Testing: 2027-03-11 22:29:45  
Product Name: **Molecular sieves, 5 Å**  
CAS Number: 69912-79-4  
Specifications & Purity: 2mm-3mm,for drier  
Lot #: C2303204  
SKU #: **M140028**  
Analysis: **097480**

Parameter	Limit Values	Result
Compressive Strength	≥50 (N/gram)	115.70 N/gram
Abrasion loss	0-0.4 (%)	0.08 %
CO2 adsorption capacity	≥15 (%)	15.01 %
n-Hexane adsorption	≥12 (%)	12.01 %
Water Absorption	≥21 (%)	22.51 %
Oxygen retention 42°C	≥2.8 (%)	2.81 %
bulk density	0.6-0.7 (g/ml)	0.65 g/ml
Nitrogen retention 42°C	≥8 (%)	8.01 %
Particle size	2-3 (mm)	3.00 mm
Appearance (M140028)	Tan beads	Tan beads



John Su  
QA & QC Manager