

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-24 10:55:43  
Date of Next Testing: 2026-01-23 10:55:43  
Product Name: **Molecular sieves, 5 Å**  
CAS Number: 69912-79-4  
Specifications & Purity: 3mm-5mm,for drier  
Lot #: A2218598  
SKU #: **M103773**  
**Analysis:** **057551**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
bulk density	700-750 (g/ml)	700.11 g/ml
Oxygen retention 42°C	≥2.8 (%)	2.80%
CO2 adsorption capacity	≥15 (%)	15.12%
n-Hexane adsorption	≥12 (%)	12.02%
Water Absorption	≥21 (%)	25.09%
Particle size	3-5 (mm)	4.27 mm
Nitrogen retention 42°C	≥8 (%)	8.02%
Compressive Strength	≥60 (N/gram)	136.70 N/gram
Abrasion loss	0-0.4 (%)	0.10%
Appearance (M103773)	Tan beads	Tan beads



John Su  
QA & QC Manager