

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-06 14:31:51
Date of Next Testing: 2027-09-05 14:31:51
Product Name: **Molecular sieves, 5 Å**
CAS Number: 69912-79-4
Specifications & Purity: 2mm-3mm,for drier
Lot #: I2305443
SKU #: **M140028**
Analysis: **267170**

Parameter	Limit Values	Result
Compressive Strength	≥50 (N/gram)	96.80 N/gram
Abrasion loss	0-0.4 (%)	0.08 %
CO2 adsorption capacity	≥15 (%)	15.02 %
n-Hexane adsorption	≥12 (%)	12.01 %
Water Absorption	≥21 (%)	25.04 %
Oxygen retention 42°C	≥2.8 (%)	2.90 %
bulk density	0.6-0.7 (g/ml)	0.67 g/ml
Nitrogen retention 42°C	≥8 (%)	8.03 %
Particle size	2-3 (mm)	2.01 mm
Appearance (M140028)	Tan beads	Tan beads



John Su
QA & QC Manager