

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-10 16:23:16
Date of Next Testing: 2028-12-09 16:23:16
Product Name: **Molecular sieves, 5 Å**
CAS Number: 69912-79-4
Specifications & Purity: 2mm-3mm,for drier
Lot #: L2409495
SKU #: **M140028**
Version: **0**
Analysis #: **440111**

Parameter	Limit Values	Result
Water Absorption	≥21 (%)	23.75 %
bulk density	0.6-0.7 (g/ml)	0.64 g/ml
Compressive Strength	≥50 (N/gram)	89.80 N/gram
Abrasion loss	0-0.4 (%)	0.08 %
CO2 adsorption capacity	≥15 (%)	16.00 %
n-Hexane adsorption	≥12 (%)	13.00 %
Oxygen retention 42°C	≥2.8 (%)	3.00 %
Particle size	2-3 (mm)	2.08 mm
Nitrogen retention 42°C	≥8 (%)	9.00 %
Appearance (M140028)	Tan beads	Tan beads



John Su
QA & QC Manager