

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 13:20:29

Date of Next Testing: 2029-11-10 13:20:29

Product Name: **Molecular sieves, 5 Å**

CAS Number: 69912-79-4

Specifications & Purity: 3mm-5mm,for drier

Lot #: K2506553

SKU #: **M103773**

Version: **0**

Analysis #: **600390**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
bulk density	≥ 0.62 (g/ml)	0.77000 g/ml
CO2 adsorption capacity	≥ 15 (%)	23.43000 %
Water Absorption	≥ 21 (%)	23.43000 %
Particle size	3-5 (mm)	4.23500 mm
Compressive Strength	≥ 60 (N/gram)	138.20000 N/gram
Abrasion loss	0-0.4 (%)	0.01200 %
Oxygen retention 42°C	≥ 2.8 (%)	2.90000 %
n-Hexane adsorption	≥ 12 (%)	12.30000 %
Nitrogen retention 42°C	≥ 8 (%)	8.30000 %
Appearance (M103773)	Tan beads	Tan beads



John Su
QA & QC Manager