

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-27 09:37:52
Date of Next Testing: 2027-12-26 09:37:52
Product Name: **Molecular sieves, 5 Å**
CAS Number: 69912-79-4
Specifications & Purity: 3mm-5mm,for drier
Lot #: L2325035
SKU #: **M103773**
Version: **0**
Analysis #: **155202**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Oxygen retention 42°C	≥2.8 (%)	2.90%
CO2 adsorption capacity	≥15 (%)	15.60%
n-Hexane adsorption	≥12 (%)	12.57%
Water Absorption	≥21 (%)	24.18%
Particle size	3-5 (mm)	4.18 mm
Nitrogen retention 42°C	≥8 (%)	9.67%
Compressive Strength	≥60 (N/gram)	136.70 N/gram
Abrasion loss	0-0.4 (%)	0.10%
bulk density	≥0.62 (g/ml)	0.68 g/ml
Appearance (M103773)	Tan beads	Tan beads



John Su
QA & QC Manager