

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-07 11:46:52
Date of Next Testing: 2027-03-06 11:46:52
Product Name: **Molecular sieves, 5 Å**
CAS Number: 69912-79-4
Specifications & Purity: 3mm-5mm,for drier
Lot #: B2327670
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