

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2024-09-24 12:03:31  
Date of Next Testing: 2028-09-23 12:03:31  
Product Name: **Molecular sieves,4A**  
CAS Number: M103747  
Specifications & Purity: 2mm-3mm, drier  
Lot #: I2418476  
SKU #: **M103747**  
Version: **1**  
Analysis #: **405461**  
Storage Temperature: Desiccated

| Parameter                     | Limit Values | Result    |
|-------------------------------|--------------|-----------|
| Water Absorption              | ≥20 (%)      | 29.49 %   |
| Particle size                 | 2-3 (mm)     | 2.62 mm   |
| Abrasion strength             | 95-100 (%)   | 96.00 %   |
| bulk density                  | ≥0.6(g/ml)   | 0.69 g/ml |
| Compressive Strength(N/grain) | ≥80          | ≥80       |



John Su  
QA & QC Manager