



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-26 15:00:47

Date of Next Testing: 2028-06-25 15:00:47

Product Name: **Magnesium fluoride**

CAS Number: 7783-40-6

Specifications & Purity:  $\geq 99.9\%$  metals basis, excluding Na, 3-6mm

Lot #: F2520515

SKU #: **M434072**

Version: **1**

Analysis #: **521615**

Storage Temperature: Room temperature

| Parameter                                        | Limit Values          | Result                |
|--------------------------------------------------|-----------------------|-----------------------|
| loss on Ignition(1 Hour at 1000 Degrees Celsius) | 0-3 (%)               | 1.74000 %             |
| Trace Metal Analysis                             | 0-1000 (ppm)          | 197.00 ppm            |
| Purity(Based On Trace Metals Analysis)           | 99.9-100 (%)          | 99.98 %               |
| Particle size                                    | 3-6 (mm)              | 4.73 mm               |
| Appearance(M434072)                              | White Chunks          | white chunks          |
| X-Ray Diffraction                                | Conforms to Structure | Conforms to Structure |
| ICP: Confirms Magnesium Component                | Confirmed             | Confirmed             |

John Su  
QA & QC Manager