

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-16 15:26:24

Date of Next Testing: 2028-10-15 15:26:24

Product Name: **Magnesium aluminosilicate**

CAS Number: 71205-22-6

Specifications & Purity:  $\geq 95\%$

Lot #: A2303505

SKU #: **M304461**

Version: **3**

Analysis #: **587988**

Storage Temperature: Room temperature

| Parameter                               | Limit Values                         | Result                               |
|-----------------------------------------|--------------------------------------|--------------------------------------|
| Purity Based on Trace Metals Impurities | 95-100 (%)                           | 95.81080 %                           |
| Water soluble matter                    | < 1(%)                               | 0.00000 %                            |
| Heavy metal (as Pb)                     | < 10(ppm)                            | 0.00000 ppm                          |
| (As)Arsenic                             | < 2(ppm)                             | 0.00000 ppm                          |
| Water(105°C)                            | < 15(%)                              | 14.90000 %                           |
| Trace Metal Analysis                    | 0-5 (%)                              | 4.18920 %                            |
| pH(25°C,2%in water)                     | 8-11                                 | 10.30000                             |
| Appearance(M304461)                     | White to off white powder to crystal | White to off white powder to crystal |
| ICP: Confirms Aluminium Component       | Confirmed                            | Confirmed                            |
| ICP: Confirms Magnesium Component       | Confirmed                            | Confirmed                            |
| ICP: Confirms Silicon Component         | Confirmed                            | Confirmed                            |



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QA & QC Manager