

Certificate of Analysis

Date of Testing: 2022-09-17 15:26:44
Date of Next Testing: 2026-09-16 15:26:44
Product Name: **Magnesium trisilicate hydrate**
CAS Number: 39365-87-2
Specifications & Purity: USP,Ph Eur
Lot #: I2215465
SKU #: **M100146**
Analysis: **131727**

| Parameter | Limit Values | Result |
|--------------------------|---------------------------|---------------------------|
| Chloride (Cl-) | 0-550 (ppm) | 96.00 ppm |
| Sulfate(SO42-) | 0-5000 (ppm) | 1211.00 ppm |
| Loss on Ignition(900 °C) | 17-34 (%) | 26.22 % |
| Silicon dioxide (SiO2) | 44-69.5 (%) | 63.47 % |
| Heavy metal (as Pb) | 0-0.003 (%) | 0.00 % |
| MgO(Titration with NaOH) | ≥20 (%) | 43.67000 % |
| Appearance (M100146) | White to Off-White Powder | White to Off-White Powder |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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