

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-15 10:33:15  
Date of Next Testing: 2026-07-14 10:33:15  
Product Name: **Magnesium trisilicate hydrate**  
CAS Number: 39365-87-2  
Specifications & Purity: USP, Ph Eur  
Lot #: G2214026  
SKU #: **M100146**  
Analysis: **114816**

Parameter	Limit Values	Result
Chloride (Cl-)	0-550 (ppm)	545.00 ppm
Sulfate(SO42-)	0-5000 (ppm)	3000.00 ppm
Loss on Ignition(900 °C)	17-34 (%)	28.18 %
Silicon dioxide (SiO2)	44-69.5 (%)	69.04 %
MgO Basis	≥20 (%)	29.44 %
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
Appearance (M100146)	White to Off-White Powder	White to Off-White Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager