

## Certificate of Analysis

Date of Testing: 2023-02-24 19:14:16  
Date of Next Testing: 2027-02-23 19:14:16  
Product Name: **Magnesium trisilicate hydrate**  
CAS Number: 39365-87-2  
Specifications & Purity: USP,Ph Eur  
Lot #: B2321298  
SKU #: **M100146**  
Analysis: **152424**

Parameter	Limit Values	Result
Chloride (Cl-)	0-550 (ppm)	157.00 ppm
Sulfate(SO42-)	0-5000 (ppm)	1000.00 ppm
Loss on Ignition(900 °C)	17-34 (%)	24.84 %
Heavy metal (as Pb)	0-0.003 (%)	0.00 %
MgO(Titration with NaOH)	≥20 (%)	46.66000 %
Silicon dioxide (SiO2)	44-46 (%)	66.34 %
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