

Certificate of Analysis

Date of Testing: 2022-09-17 14:11:55
Date of Next Testing: 2026-09-16 14:11:55
Product Name: **Magnesium trisilicate hydrate**
CAS Number: 39365-87-2
Specifications & Purity: USP,Ph Eur
Lot #: I2215468
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



John Su
QA & QC Manager