

Certificate of Analysis

Date of Testing: 2024-11-22 18:50:21

Date of Next Testing: 2028-11-21 18:50:21

Product Name: **Magnesium perchlorate hexahydrate**

CAS Number: 13446-19-0

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: K2418329

SKU # **M111217**

Version **1**

Analysis #: **352241**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Total Metallic Impuritie	0-200 (ppm)	12.00 ppm
Water by Karl Fischer	31-33 (%)	33.00 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	100.00 %
Mg(Complexometric EDTA)	7.2-7.5 (%)	7.43 %
Appearance (M111217)	White crystals	White crystals
ICP: Confirms Magnesium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager