

Certificate of Analysis

Date of Testing: 2022-12-06 16:14:04

Date of Next Testing: 2026-12-05 16:14:04

Product Name: **Magnesium perchlorate hexahydrate**

CAS Number: 13446-19-0

Specifications & Purity: 99.99% metals basis

Lot #: K2228550

SKU #: **M111217**

Analysis: **136099**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Mg(Complexometric EDTA)	7.2-7.5 (%)	7.30 %
Total Metallic Impuritie	0-200 (ppm)	141.00 ppm
Water by Karl Fischer	31-33 (%)	32.64 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Appearance (M111217)	White crystals	White crystals
ICP: Confirms Magnesium Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager