

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-20 17:02:26
 Date of Next Testing: 2030-03-19 17:02:26
 Product Name: **Magnesium perchlorate hexahydrate**
 CAS Number: 13446-19-0
 Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
 Lot #: C2611071
 SKU #: **M111217**
 Version: **1**
 Analysis #: **136099**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Mg(Complexometric EDTA)	7.2-7.5 (%)	7.30000 %
Total Metallic Impurities	0-200 (ppm)	141.00000 ppm
Water by Karl Fischer	31-33 (%)	32.63950 %
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99010 %
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