

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-05 09:05:54
 Date of Next Testing: 2030-03-04 09:05:54
 Product Name: **Magnesium perchlorate**
 CAS Number: 10034-81-8
 Specifications & Purity: AR, drying agent
 Lot #: B2628248
 SKU #: **A104924**
 Version: **1**
 Analysis #: **533309**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.25 (%)	0.01800 %
Titration Acid	0-0.005 (mg/g)	0.00500 mg/g
Titration Base	0-0.025 (mg/g)	0.02500 mg/g
loss on drying (240°C,2h)	0-8 (%)	4.90000 %
Mg(Complexometric EDTA)	9-11 (%)	9.24000 %
Chloride (Cl-)	0-0.02 (%)	0.00190 %
Mg(ClO4)2	83-100 (%)	84.82000 %
(NO3)Nitrate	0-0.02 (%)	0.01600 %
Appearance (A104924)	White Flakes,powder or Crystals or Chunks	White Flakes,powder or Crystals or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager