

Certificate of Analysis

Date of Testing: 2025-03-01 13:37:51

Date of Next Testing: 2029-02-28 13:37:51

Product Name: **Magnesium perchlorate**

CAS Number: 10034-81-8

Specifications & Purity: AR, drying agent

Lot #: B2527173

SKU #: **A104924**

Version: **1**

Analysis #: **476869**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.25 (%)	0.03 %
Titration Acid	0-0.005 (mg/g)	0.01 mg/g
Titration Base	0-0.025 (mg/g)	0.03 mg/g
loss on drying (240°C,2h)	0-8 (%)	4.34 %
Mg(Complexometric EDTA)	9-11 (%)	9.30 %
Chloride (Cl-)	0-0.02 (%)	0.00 %
Mg(ClO4)2	83-100 (%)	89.30 %
(NO3)Nitrate	0-0.02 (%)	0.00 %
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