

Certificate of Analysis

Date of Testing: 2023-01-05 16:49:21

Date of Next Testing: 2027-01-04 16:49:21

Product Name: **Magnesium perchlorate**

CAS Number: 10034-81-8

Specifications & Purity: Analytical Reagent , drying agent

Lot #: L2215934

SKU #: **A104924**

Analysis: **175045**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.25 (%)	0.13 %
Titration Acid	0-0.005 (mg/g)	0.00 mg/g
Titration Base	0-0.025 (mg/g)	0.02 mg/g
loss on drying (240°C,2h)	0-8 (%)	7.61 %
Mg(Complexometric EDTA)	9-11 (%)	9.01 %
Chloride (Cl ⁻)	0-0.02 (%)	0.01 %
Mg(ClO ₄) ₂	83-100 (%)	84.14 %
(NO ₃)Nitrate	0-0.02 (%)	0.02 %
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