

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Magnesium Standard Solution 1000 mg/L (1000 ppm)

Catalog Number : I-9070

Batch Number : 9070-00000000

CAS Number : 13446-18-9

Mol. Formula : Mg^{2+} Matrix : $Mg(NO_3)_2 \cdot 6H_2O$ in HNO_3 0.5 M

Molecular Weight : 24.31 g/mol

Expire Date : 24 months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Concentration (Mg^{2+})	990 - 1010 mg/L	995.0 mg/L
3	Solubility	Miscible in water	conform

Magnesium concentration determined by: ICP / AAS and Complexometric titration (EDTA)

LABOTIQ Product Specification compared with standard Solution traceable to NIST $Mg(NO_3)_2 \cdot 6H_2O$

in HNO_3 0.5 mol/L 1000 mg/L Mg

Note: The expiration date is for an unopened container.

Expiry date: 6 months from the date of opening



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Manager QC