

F-QC-001 Rev.00

Certificate Of Analysis

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

Catalog Number : I-9071

Batch Number : 9071-00000000

CAS Number : 13477-34-4

Mol. Formula : Ca^{2+} Matrix : $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$ in HNO_3 0.5 M

Molecular Weight : 40.078 g/mol

Expire Date : 24 months



No	Test	Specifications	Results
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Concentration (Ca^{2+})	990 - 1010 mg/L	996.0 mg/L
3	Solubility	Miscible in water	conform

Calcium concentration determined by: ICP / AAS and gravimetric verification based on the mass of raw materials.

LABOTIQ Product Specification compared with standard Solution traceable to NIST $\text{Ca}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$

in HNO_3 0.5 mol/L 1000 mg/L Ca

Note: The expiration date is for an unopened container.

Expiry date: 6 months from the date of opening



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Manager QC