

F-QC-001 Rev.00

Certificate Of Analysis

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

Catalog Number : I-9072

Batch Number : 9072-00000000

CAS Number : 7782-61-8

Mol. Formula : Fe

Matrix : $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ in HNO_3 0.5 M

Molecular Weight : 55.845 g/mol

Expire Date : 24 months



No	Test	Specifications	Results
1	Appearance	Clear colourless liquid	Clear colourless liquid
2	Concentration (Fe)	990 - 1010 mg/L	997.0 mg/L
3	Solubility	Miscible in water	conform

Iron concentration determined by: ICP / AAS and Complexometric Titration (EDTA).

LABOTIQ Product Specification compared with standard Solution traceable to NIST $\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ in HNO_3 0.5 mol/L 1000 mg/L Fe

Note: The expiration date is for an unopened container.

Expiry date: 6 months from the date of opening



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Manager QC