

Certificate of Analysis

Ferric Chloride Hexahydrate, ACS Reagent Grade

Lot Number: 4404F07

Product Number: RDCF0200

Date Packaged: APR 09, 2024

Recommended Retest Date: FEB 2026

ContainsFeCl₃·6H₂O CAS No. 10025-77-1 MW 270.30

Test	Specification	Result
Assay	97.0-102.0 %	99.5 %
Calcium (Ca)	max 0.01 %	0.0007 %
Copper (Cu)	max 0.003 %	0.001 %
Ferrous Iron (Fe ²⁺)	max 0.002 %	< 0.0001 %
Insoluble Matter	max 0.01 %	< 0.0001 %
Magnesium (Mg)	max 0.005 %	0.0001 %
Nitrate (NO ₃)	max 0.01 %	< 0.01 %
Phosphorus compounds (as PO ₄)	max 0.01 %	0.003 %
Potassium (K)	max 0.005 %	0.001 %
Sodium (Na)	max 0.05 %	0.0008 %
Sulfate (SO ₄)	max 0.01 %	0.003 %
Zinc (Zn)	max 0.003 %	0.001 %

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type
RDCF0200-500B1	500 g poly

Recommended Storage: 15°C - 30°C (59°F - 86°F)

Paul Brandon (04/09/2024)

Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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