

Product Specification

Ferric Chloride Solution R1

Lot Number: SAMPLE**Product Number:** 3105**Manufacture Date:** N/A**Expiration Date:** N/A

This solution may become cloudy or hazy due to the absence of acid in this European Pharmacopoeia formulation. Keep the container tightly closed.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ferric Chloride Hexahydrate	10025-77-1	ACS

Test	Specification	Result	NIST SRM#
Appearance	Bright orange/brown liquid	N/A	
Assay (vs. Sodium Thiosulfate/Starch)	103-107 g/L	N/A	136

Specification	Reference
Ferric chloride solution R1	EP (1037801)
Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with ϵ thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.	

Part Number	Size / Package Type	Shelf Life (Unopened Container)
3105-16	500 mL amber poly	12 months

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

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