

# Product Specification

## Ferric Nitrate Solution, 404 g/L in dilute Nitric Acid

Lot Number: SAMPLE

Product Number: 3135

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ferric Nitrate Nonahydrate	7782-61-8	ACS
Nitric Acid	7697-37-2	ACS

Test	Specification	Result	NIST SRM#
Appearance	Pale yellow liquid	N/A	
Assay (vs. Sodium Thiosulfate/Starch)	403.6-404.4 g/L	N/A	136

Specification	Reference
Ferric Nitrate Solution	APHA (4500-CN-M)
Ferric Nitrate Solution (404 g/L)	ASTM (D 4193)

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 a 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)
3135-32	1 L amber poly	24 months
3135-16	500 mL amber poly	24 months

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