

Certificate of Analysis

Ammonium Citrate Solution, USP <251> for Lead

Lot Number: 2403F36

Product Number: 627.92

Manufacture Date: MAR 11, 2024

Expiration Date: FEB 2025

This solution has not been extracted to remove potential Lead impurities in the raw materials. Dithizone extraction may be required before use.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Citric Acid	77-92-9	USP
Ammonium Hydroxide	1336-21-6	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless to slight yellow	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	8.0-9.0	8.5	186-I-g, 186-II-g, 191d

Specification	Reference
Ammonium Citrate Solution	USP (251)
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)
627.92-16	500 mL natural poly	12 months
627.92-16G	500 mL amber glass	12 months
627.92-8	250 mL amber glass	12 months

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



Jose Pena (03/11/2024)

Operations Manager

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

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