

Certificate of Analysis

Calcium Standard, 1000 ppm Ca

Lot Number: 2404G79

Product Number: 1821

Manufacture Date: APR 18, 2024

Expiration Date: OCT 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Acetic Acid	64-19-7	ACS
Calcium Carbonate	471-34-1	ACS Chelometric

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. EDTA/Eriochrome Black T)	999-1001 ppm Ca	999 ppm Ca	915

Specification	Reference
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Calcium stock solution (0.625 g CaCO₃ and 3 mL acetic acid R in 250 mL), for preparation of R 5000801 & R 5000803 EP (N/A)

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)
1821-16	500 mL natural poly	18 months
1821-4	120 mL natural poly	18 months

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



 Jose Pena (04/18/2024)
 Operations Manager

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