

# Certificate of Analysis

**Calcium Standard, 200 ppm Ca (80.09 ppm Ca)**

**Lot Number:** 1404J66

**Product Number:** 1798

**Manufacture Date:** APR 22, 2024

**Expiration Date:** OCT 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS
Calcium Carbonate	471-34-1	ACS Chelometric

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. EDTA/Eriochrome Black T)	199.9-200.1 ppm CaCO <sub>3</sub>	199.9 ppm CaCO <sub>3</sub>	915

Specification	Reference
Calcium Solution, Standard (1 mL = 0.20 mg CaCO <sub>3</sub> )	ASTM (D 1126)
Calcium Standard, 1 mL = 0.2 mg CaCO <sub>3</sub> , 200 ppm CaCO <sub>3</sub> (80.09 ppm Ca)	EPA (215.1)

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)
1798-16	500 mL natural poly	18 months

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



Heidi J Green (04/22/2024)  
 Operations Manager

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