

Certificate of Analysis

Calcium Chloride, 0.500 Molar (M/2)

Lot Number: 2401J04

Product Number: R1764000

Manufacture Date: JAN 23, 2024

Expiration Date: JUL 2025

| Name | CAS# | Grade |
|----------------------------|------------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Calcium Chloride Dihydrate | 10035-04-8 | ACS |

| Test | Specification | Result | NIST SRM# |
|-------------------------------------|---------------------|--------------|-----------|
| Appearance | Colorless liquid | Passed | |
| Assay (vs. EDTA/Eriochrome Black T) | 0.4995-0.5005 Molar | 0.4996 Molar | 915 |

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) |
|-------------|---------------------|---------------------------------|
| R1764000-1A | 1 L natural poly | 18 months |

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



Jose Pena (01/23/2024)

Operations Manager

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

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