

Certificate of Analysis

**Ammonium Chloride Buffer Solution, pH 10.0, EP
 EP Buffer Solution 4007300**

Lot Number: 1307P58

Product Number: 627.7

Manufacture Date: JUL 31, 2023

Expiration Date: JUL 2024

| Name | CAS# | Grade |
|--------------------|------------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Ammonium Hydroxide | 1336-21-6 | ACS |
| Ammonium Chloride | 12125-02-9 | ACS |

| Test | Specification | Result |
|---------------------|------------------|--------|
| Appearance | Colorless liquid | Passed |
| Suitability for Use | Ca/Mg Free | Passed |

| Specification | Reference |
|---|--------------|
| Ammonium chloride buffer solution pH 10.0 R | EP (4007300) |

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) |
|-------------|---------------------|---------------------------------|
| 627.7-4 | 120 mL natural poly | 12 months |

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



Heidi J Green (07/31/2023)

Operations Manager

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

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