

Product Specification

Color Reagent, for Nitrate Determination

Lot Number: SAMPLE

Product Number: 2233

Manufacture Date: N/A

Expiration Date: N/A

| Name | CAS# | Grade |
|---|-----------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Phosphoric Acid | 7664-38-2 | ACS |
| Sulfanilamide | 63-74-1 | Reagent |
| N-(1-Naphthyl)ethylenediamine Dihydrochloride | 1465-25-4 | ACS |

| Test | Specification | Result |
|---------------------|-------------------------------|--------|
| Appearance | Colorless to Pale Pink liquid | N/A |
| Suitability for Use | Red color with Nitrite | N/A |

| Specification | Reference |
|---------------|--------------------|
| Color Reagent | APHA (4500-NO3- F) |
| Color Reagent | EPA (353.2) |

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) |
|-------------|---------------------|---------------------------------|
| 2233-1 | 4 L amber glass | 6 months |
| 2233-16 | 500 mL amber glass | 6 months |
| 2233-32 | 1 L amber glass | 6 months |
| 2233-4 | 120 mL amber glass | 6 months |

Recommended Storage: 2°C - 8°C (36°F - 46°F)

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

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