

Certificate of Analysis

Arsenite Standard, 0.100 Normal (N/10)

Lot Number: 1403K88

Product Number: 820

Manufacture Date: MAR 27, 2024

Expiration Date: MAR 2026

| Name | CAS# | Grade |
|--------------------|-----------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Arsenic Trioxide | 1327-53-3 | ACS |
| Sodium Bicarbonate | 144-55-8 | ACS |
| Sodium Hydroxide | 1310-73-2 | ACS |

| Test | Specification | Result | NIST SRM# |
|---------------------------|-------------------------|------------------|-----------|
| Appearance | Colorless liquid | Passed | |
| Assay (vs. Iodine/Starch) | 0.0995-0.1005 N at 20°C | 0.1000 N at 20°C | 136 |

| Specification | Reference |
|-----------------------------------|----------------------|
| Standard Arsenite Solution, 0.1 N | APHA (4500-C1 C) |
| Sodium Arsenite (0.1 N) | EPA (SW-846) (9010B) |
| Sodium Arsenite (0.1 N) | EPA (SW-846) (9012A) |
| Sodium Arsenite (0.1 N) | EPA (SW-846) (9010B) |
| Sodium Arsenite (0.1 N) | EPA (SW-846) (9012A) |

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) |
|-------------|---------------------|---------------------------------|
| 820-32 | 1 L natural poly | 24 months |

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



Heidi J Green (03/27/2024)

Operations Manager

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

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