Product Specification

Arsenite Standard, 0.100 Normal (N/10)

Lot Number: SAMPLE   **Product Number:** 820

Manufacture Date: N/A
Expiration Date: N/A

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	N/A	
Assay (vs. Iodine/Starch)	0.0995-0.1005 N at 20°C	N/A	136

Specification	Reference
Standard Arsenite Solution, 0.1 N	APHA (4500-Cl 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)
820-1	4 L natural poly	24 months
820-16	500 mL natural poly	24 months
820-32	1 L natural poly	24 months

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

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