

# Product Specification

**Sodium Arsenite, 0.100 Molar (M/10)**
**Lot Number: SAMPLE**
**Product Number: 7142**
**Manufacture Date: N/A**
**Expiration Date: N/A**

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Iodine/Starch)	0.0999-0.1001 Molar	N/A	136

Specification	Reference
0.1 M Sodium arsenite Volumetric Solution	EP (3005800)

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)
7142-32	1 L amber glass	12 months
7142-16	500 mL amber glass	12 months

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

**Katie Schnur**  
Quality Control Manager

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