

# Product Specification

## Acetate Buffer, pH 4.5, USP Reagent

Lot Number: SAMPLE

Product Number: R0052500

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Acetate Trihydrate	6131-90-4	ACS
Acetic Acid	64-19-7	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
pH at 25°C (Method: SQCP027, SQCP033)	4.48-4.52	N/A	185i, 186-I-g, 186-II-g

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)
R0052500-1A	1 L natural poly	24 months
R0052500-20F	20 L Cubitainer®	24 months
R0052500-4A	4 L natural poly	24 months
R0052500-500A	500 mL natural poly	24 months

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