

Product Specification

Sodium Thiosulfate, 0.00500 Normal (N/200)

Lot Number: SAMPLE

Product Number: 7879.5

Manufacture Date: N/A

Expiration Date: N/A

The certified concentration at time of filling is based on accurate volumetric preparation. The uncertainty in the certified concentration is calculated based on the volumetric method of preparation.

This product is specially formulated to increase its stability. A preservative is added to prevent bacterial contamination. However, all Sodium Thiosulfate solutions are subject to slow chemical deterioration and should be restandardized periodically. This product is subject to fairly rapid chemical deterioration due to its low concentration. Daily or minimum weekly restandardization is recommended.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Organic Preservative	Proprietary	
Sodium Thiosulfate Pentahydrate	10102-17-7	ACS
Sodium Carbonate	497-19-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Sodium Thiosulfate (Na ₂ S ₂ O ₃)	0.00495-0.00505 N at 20°C	N/A	136

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)
7879.5-1	4 L amber glass	18 months
7879.5-2.5	10 L Cubitainer®	18 months
7879.5-32	1 L amber glass	18 months
7879.5-5	20 L Cubitainer®	18 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."

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