

Product Specification

Potassium Permanganate, 0.180 Normal

Lot Number: SAMPLE**Product Number:** 6403**Manufacture Date:** N/A**Expiration Date:** N/A

The shorter shelf life of some sizes of this product is due to chemical incompatibility with the plastic packaging material. For these sizes, please consult the package label for expiration date. Product packaged in plastic containers or cubitainers should be restandardized before each use if extreme accuracy is required.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Permanganate	7722-64-7	ACS

Test	Specification	Result	NIST SRM#
Appearance	Purple liquid	N/A	
Assay (vs. Sodium Oxalate)	0.1799-0.1801 N at 20°C	N/A	8040

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)
6403-1	4 L amber glass	18 months
6403-2.5	10 L Cubitainer®	6 months
6403-32	1 L amber glass	18 months
6403-5	20 L Cubitainer®	6 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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