

Certificate of Analysis

Phenylarsine Oxide (PAO) Titrant, 0.0250 Normal (N/40), Stabilized

Lot Number: 4402J19

Product Number: 5755

Manufacture Date: FEB 16, 2024

Expiration Date: FEB 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Phenylarsine Oxide	637-03-6	Reagent
Sodium Hydroxide	1310-73-2	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless to light tan liquid	Passed	
Assay (vs. Sodium Thiosulfate/Starch)	0.02498-0.02502 N at 20°C	0.02501 N at 20°C	136

Specification	Reference
Phenylarsine Oxide Solution (0.025 N)	ASTM (D 888 A)
Standard Phenylarsine Oxide (PAO) solution (0.025 N)	EPA (SW-846) (9031)
Phenylarsine Oxide, 0.0250 N	EPA (376.1)
Standard Phenylarsine Oxide solution (PAO) (0.025 N)	EPA (SW-846) (9034)

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)
5755-1	4 L amber glass	12 months
5755-32	1 L amber glass	12 months

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



Paul Brandon (02/16/2024)

Production Manager

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

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