

# Product Specification

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

**Lot Number:** SAMPLE

**Product Number:** 5755

**Manufacture Date:** N/A

**Expiration Date:** N/A

| 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 | N/A    |           |
| Assay (vs. Sodium Thiosulfate/Starch) | 0.02498-0.02502 N at 20°C     | N/A    | 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                       |
| 5755-16     | 500 mL amber glass  | 12 months                       |
| 5755-32     | 1 L amber glass     | 12 months                       |
| 5755-5      | 20 L Cubitainer®    | 12 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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