

# Certificate of Analysis

## p-Dimethylaminobenzalrhodanine, 0.02% (w/v) in Acetone, Indicator for Argentimetric Titrations

**Lot Number:** 2402B78

**Product Number:** 2560

**Manufacture Date:** FEB 07, 2024

**Expiration Date:** JAN 2025

| Name                           | CAS#     | Grade   |
|--------------------------------|----------|---------|
| Acetone                        | 67-64-1  | ACS     |
| p-Dimethylaminobenzalrhodanine | 536-17-4 | Reagent |

| Test                | Specification   | Result |
|---------------------|---|--------|
| Appearance          | Light orange liquid   | Passed |
| Suitability for Use | Yellow in Absence of Silver Ions to Salmon for an excess of Silver ions | Passed |

| Specification                          | Reference           |
|--|---------------------|
| Indicator Solution                     | APHA (4500-CN- D)   |
| Rhodanine Indicator                    | EPA (SW-846) (9014) |
| Rhodanine Indicator                    | EPA (335.2)         |
| Rhodanine Indicator Solution (0.2 g/L) | ASTM (D 2036 A)     |
| Rhodanine Indicator Solution (0.2 g/L) | ASTM (D 2036 B)     |
| Rhodanine Indicator Solution (0.2 g/L) | ASTM (D 2036 C)     |
| Rhodanine Indicator Solution (0.2 g/L) | ASTM (D 2036 D)     |

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) |
|-------------|---------------------|---------------------------------|
| 2560-4      | 120 mL amber glass  | 12 months                       |

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



Jose Pena (02/07/2024)

Operations Manager

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

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