

Product Specification

Color Standard, APHA / Hazen (Platinum-Cobalt), Color = 1000

Lot Number: SAMPLE

Product Number: 2231

Manufacture Date: N/A

Expiration Date: N/A

| Name | CAS# | Grade |
|------------------------------------|------------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Hydrochloric Acid | 7647-01-0 | ACS |
| Potassium Hexachloroplatinate (IV) | 16921-30-5 | Reagent |
| Cobalt (II) Chloride Hexahydrate | 7791-13-1 | ACS |

| Test | Specification | Result | NIST SRM# |
|----------------------|---------------------|--------|-----------|
| Absorbance at 430 nm | 0.22-0.24 AU/cm | N/A | 930 |
| Absorbance at 455 nm | 0.260-0.290 AU/cm | N/A | 930 |
| Absorbance at 480 nm | 0.210-0.240 AU/cm | N/A | 930 |
| Absorbance at 510 nm | 0.11-0.13 AU/cm | N/A | 930 |
| Appearance | Yellow-brown liquid | N/A | |

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) |
|-------------|---------------------|---------------------------------|
| 2231-16 | 500 mL amber glass | 24 months |
| 2231-4 | 100 mL amber glass | 24 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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