

# Certificate of Analysis

## Potassium Chromate, 5% (w/v), Chloride Free, Indicator for Argentometric Titrations

**Lot Number:** 4404M66

**Product Number:** 6000

**Manufacture Date:** APR 26, 2024

**Expiration Date:** APR 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Chromate	7789-00-6	ACS
Silver Nitrate	7761-88-8	ACS

Test	Specification	Result
Appearance	Yellow liquid	Passed
Suitability for Use	Passes Test	Passed

Specification	Reference
Potassium Chromate Solution (50 g/L)	ASTM (D 287 M)
Potassium Chromate Indicator Solution	ASTM (D 512 B)
Potassium Chromate Indicator Solution	APHA (4500-CI- B)
Potassium Chromate Indicator Solution	EPA (SW-846) (9253)
Potassium Chromate Indicator Solution	EPA (SW-846) (9215)
Potassium Chromate Solution (50 g/L)	ASTM (D 2187 H)
Potassium Chromate Solution (50 g/L)	ASTM (D 4548)
Potassium Chromate Solution (50 g/L)	ASTM (D 2187 I)
Potassium Chromate Solution (50 g/L)	ASTM (D 2187 J)
Potassium Chromate Solution (50 g/L)	ASTM (D 2187 K)
Potassium Chromate Solution (50 g/L)	ASTM (D 2187 L)
Potassium chromate solution R	EP (1069201)

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)
6000-1	4 L natural poly	24 months
6000-16	500 mL natural poly	24 months
6000-32	1 L natural poly	24 months
6000-4	120 mL natural poly	24 months

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

A handwritten signature in blue ink that reads "Paul Brandon". The signature is cursive and fluid.

Paul Brandon (04/26/2024)

Production Manager

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