

Product Specification

Potassium Persulfate, 5% (w/v)

Lot Number: SAMPLE**Product Number:** 6450**Manufacture Date:** N/A**Expiration Date:** N/A

This solution is saturated and may crystallize when cold. If crystallization occurs, the supernatant solution functions properly in the Mercury determination.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Persulfate	7727-21-1	ACS Low Mercury

Test	Specification	Result
Appearance	Colorless liquid	N/A
Refractive Index	To Pass Test	N/A

Specification	Reference
Potassium Persulfate, 5% Solution	APHA (3114 B)
Potassium Persulfate Solution	APHA (3500-Hg C)
Potassium Persulfate solution	APHA (3112 B)
Potassium Persulfate, 5% solution (w/v)	EPA (SW-846) (7470A)
Potassium Persulfate, 5% solution, w/v	EPA (245.1)
Potassium Persulfate Solution (50 g/L)	ASTM (D 3223)

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)
6450-32	1 L natural poly	12 months
6450-1	4 L vented poly	12 months
6450-16	500 mL natural poly	12 months

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

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