

# Product Specification

## Vanadate-Molybdate Reagent, for Phosphorus Analysis

Lot Number: SAMPLE

Product Number: 8980

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
Ammonium Molybdate Tetrahydrate	12054-85-2	ACS
Ammonium Metavanadate	7803-55-6	ACS

Test	Specification	Result
Appearance	Yellow-green liquid	N/A
Suitability for Use	Yellow in the presence of Phosphate	N/A

Specification	Reference
Vanadate-Molybdate Reagent	APHA (4500-P C)
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)
8980-32	1 L natural poly	24 months
8980-5	20 L Cubitainer®	24 months
8980-16	500 mL natural poly	24 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."