

# Product Specification

**HydroSpec® Water Standard 10.0 mg/g**  
**Standard for Volumetric Karl Fischer Titration**

Lot Number: SAMPLE

Product Number: RK430000

Manufacture Date: N/A

Recommended Retest Date: N/A

Name	CAS#	Grade
1-Butanol	71-36-3	
Xylene	1330-20-7	
Ethylbenzene	100-41-4	
Formamide	75-12-7	
Water	7732-18-5	

Test	Specification	Result
Appearance	Clear, colorless liquid	N/A
Water (H <sub>2</sub> O)	9.9-10.1 mg/g	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)
RK430000-10x5R	10x5 mL Glass Ampule	60 months
RK430000-5R	5 mL Glass Ampule	60 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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