RICCA CHEMICAL COMPANY®

Arlington, TX 76012
Pocomoke City, MD 21851
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Product Specification

Phosphoric Acid, 10% (v/v)

Lot Number: SAMPLE **Product Number:** 5850

Manufacture Date: N/A
Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Phosphoric Acid	7664-38-2	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (vs. Sodium Hydroxide/Thymolphthalein)	9.97-10.03 % (v/v)	N/A	84
Specific Gravity	1.070-1.080 at 20°C	N/A	

Specification	Reference
Phosphoric Acid Solution, 1+9	APHA (5530 B)
Phosphoric acid, 10% (v/v)	APHA (3113 B)
Phosphoric Acid Solution, 1 + 9	APHA (4500-Cl C)
Distillation Reagent	EPA (SW-846) (9066)
Distillation Reagent	EPA (420.2)
Phosphoric Acid Solution, 1+9	EPA (420.1)

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)
5850-1	4 L natural poly	24 months
5850-16	500 mL natural poly	24 months
5850-2.5	10 L Cubitainer®	24 months
5850-32	1 L natural poly	24 months
5850-5	20 L Cubitainer®	24 months
5850-55	55 gal poly drum	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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