RICCA CHEMICAL COMPANY®

1490 Lammers Pike
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

Certificate of Analysis

Citric Acid, 1.00 Molar

Lot Number: 46100294 **Product Number:** 2131

Manufacture Date: OCT 07, 2026
Expiration Date: SEP 2027

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Citric Acid	77-92-9	USP

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	0.999-1.001 Molar	1.000 Molar	84

Specification	Reference
Citric Acid, 1 M	APHA (7500-Ra B)
Citric Acid, 1 M	APHA (7500-Ra D)
Citric Acid, 1 M	EPA (SW-846) (9315)
Citric Acid, 1.0 M	EPA (SW-846) (8315A)
Citric Acid, 1 M	EPA (SW-846) (9320)

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)
2131-16	500 mL natural poly	12 months

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

Jose Pena (10/07/2026)
Plant Manager I

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