RICCA CHEMICAL COMPANY®

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Certificate of Analysis

Acetic Acid, 10% (v/v)

Lot Number: 26090671 **Product Number:** 135

Manufacture Date: SEP 10, 2026
Expiration Date: AUG 2029

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Acetic Acid	64-19-7	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sodium Hydroxide/Thymol Blue)	9.94-10.06 % (v/v)	10.05 % (v/v)	84

Specification	Reference
Acetic Acid, 1 + 9	APHA (4500-CN- B)
Acetic Acid, 1 + 9	APHA (4500-CN- I)
Acetic Acid, 1 + 9	APHA (4500-CN- H)
Acetic acid 10%	TAPPI (T 218 sp-97)
Acetic acid 10%	TAPPI (T 272 sp-97)
Acetic Acid, 10%	TAPPI (T 212 om-98)
Acetic Acid (1.6 M)	EPA (SW-846) (9010B)
Acetic Acid (1.6 M)	EPA (SW-846) (9012A)
Acetic Acid, Glacial, 10% (v/v)	EPA (SW-846) (7195)
Acetic Acid, 10% (v/v)	EPA (218.5)
Acetic Acid (1+9)	ASTM (D 2036 A)
Acetic Acid (1+9)	ASTM (D 2036 B)
Acetic Acid (1+9)	ASTM (D 2036 C)
Acetic Acid (1+9)	ASTM (D 2036 D)

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)
135-5	20 L Cubitainer®	36 months

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

William Creese (09/10/2026)
Plant Manager

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