RICCA CHEMICAL COMPANY®

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Certificate of Analysis

Boric Acid, 2% (w/v)

Lot Number: 16071162 **Product Number:** 1065

Manufacture Date: JUL 21, 2026
Expiration Date: JUL 2028

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Boric Acid	10043-35-3	ACS

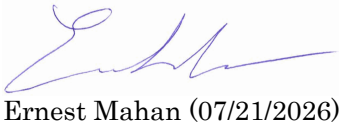
Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sodium Hydroxide/Phenolphthalein)	1.94-2.06 % (w/v)	2.03 % (w/v)	84

Specification	Reference
Boric Acid Solution (2%)	ASTM (D 3590 A)
Absorbent Solution, Plain Boric Acid	APHA (4500-Norg C)
Absorbent Solution, Plain Boric Acid	APHA (4500-NH3 B)
Boric Acid, 2% solution	EPA (SW-846) (9080)
Boric Acid Solution (20 g/L)	EPA (350.2)
Boric Acid Solution	EPA (351.3)
Boric Acid Solution (20 g/L)	ASTM (D 1426 X1)

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)
1065-1	4 L natural poly	24 months

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



Ernest Mahan (07/21/2026)
Plant Manager

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