

# Certificate of Analysis

**Boric Acid, ACS Reagent Grade****Lot Number:** 4402K72**Product Number:** RDCB0500**Date Packaged:** FEB 15, 2024**Recommended Retest Date:** APR 2026**Contains****H<sub>3</sub>BO<sub>3</sub>** CAS No. 10043-35-3 MW 61.83

Test	Specification	Result
Assay	min 99.5 %	99.8 %
Calcium (Ca)	max 0.005 %	< 0.005 %
Chloride (Cl)	max 0.001 %	< 0.001 %
Heavy Metals (as Pb)	max 0.001 %	< 0.001 %
Insoluble in Methanol	max 0.005 %	0.004 %
Iron (Fe)	max 0.001 %	< 0.001 %
Nonvolatile with Methanol	max 0.05 %	< 0.05 %
Phosphate (PO <sub>4</sub> )	max 0.001 %	< 0.001 %
Sulfate (SO <sub>4</sub> )	max 0.01 %	< 0.01 %

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type
RDCB0500-1000B1	1 kg white poly
RDCB0500-2.5A5	2.5 kg poly natural

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

Paul Brandon (02/15/2024)

Production Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.