

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-24 17:04:47

Date of Next Testing: 2029-08-23 17:04:47

Product Name: **Boric acid**

CAS Number: 10043-35-3

Grades & Purity: ChP, Ph.Eur., Suitable for Analysis, ACS, Premium pure

Lot #: H2624196

SKU #: **B1372484**

Version: **1**

Analysis #: **754734**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(3.3%; in Water)	3.8-4.8	4.08000
Chloride (Cl ⁻)	0-0.0003 (%)	0.00000 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00000 %
Insoluble matter in MeOH	0-0.005 (%)	0.00000 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00000 %
Ca (Calcium)	0-0.002 (%)	0.00130 %
Iron(Fe)	0-0.0001 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Nonvolatile Matter with MeOH	0-0.05 (%)	0.00000 %
Magnesium(Mg)	0-0.01 (%)	0.00000 %
Arsenic(As)	0-0.0005 (%)	0.00000 %
Assay(alkalimetric)	99.5-100.5 (%)	100.41000 %
Sulfate(SO ₄)	0-0.0005 (%)	0.00050 %
NH ₄ ⁺	0-0.001 (%)	0.00100 %
Drying loss	0-0.5 (%)	0.27000 %
Appearance(B1372484)	white or almost white, crystalline powder or crystals	white or almost white, crystalline powder or crystals
Appearance of solution	Conforms	Conforms
solubility in ethanol	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su

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QA & QC Manager