

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-28 18:59:21

Date of Next Testing: 2029-04-27 18:59:21

Product Name: **Boric acid**

CAS Number: 10043-35-3

Specifications & Purity: Ph.Eur., puriss. p.a., ACS, ≥99.8%, buffer substance

Lot #: D2620126

SKU #: **B431191**

Version: **1**

Analysis #: **396010**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Titration by NaOH)	99.8-100.2 (%)	99.97000 %
Insoluble matter in MeOH	0-0.005 (%)	0.00011 %
PH(3.3%; in Water)	3.6-4.8	4.00800
Non-Volatile matter(with methanol-HCl)	0-0.05 (%)	0.00190 %
Heavy metals	0-5 (ppm)	1.00000 ppm
Arsenic(As)	0-0.0005 (%)	0.00000 %
Calcium(Ca)	0-0.001 (%)	0.00000 %
Cadmium(Cd)	0-0.0005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Iron(Fe)	0-0.0001 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00010 %
Lead(Pb)	0-0.0005 (%)	0.00021 %
Zinc(Zn)	0-0.0005 (%)	0.00004 %
Chloride (Cl-)	0-3 (ppm)	1.80600 ppm
(PO4)Phosphate	0-5 (ppm)	2.00000 ppm
Sulfate(SO ₄)	0-5 (ppm)	0.00000 ppm
Appearance(B431191)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
solubility in ethanol	pass	Pass



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager