

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 18:57:27
 Date of Next Testing: 2027-09-07 18:57:27
 Product Name: **Boric acid**
 CAS Number: 10043-35-3
 Specifications & Purity: Suitable for molecular biology, ≥99.5%(T)
 Lot #: I2509032
 SKU #: **B111604**
 Version: **1**
 Analysis #: **580676**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Assay(Titration)	99.5-100 (%)	99.50000 %
Strontium(Sr)	0-5 (ppm)	0.00000 ppm
Cadmium(Cd)	0-5 (ppm)	0.10000 ppm
Aluminum(Al)	0-5 (ppm)	0.10000 ppm
Barium(Ba)	0-5 (ppm)	0.03400 ppm
(As)Arsenic	0-0.5 (ppm)	0.00000 ppm
UV Absorbance 260nm	0-0.05	0.00896
Manganese(Mn)	0-5 (ppm)	0.89000 ppm
Cobalt(Co)	0-5 (ppm)	0.04960 ppm
PH(25 °C, 50 mg/mL in Water)	3.6-4.4	4.09600
Calcium(Ca)	0-10 (ppm)	7.98000 ppm
Sodium(Na)	0-50 (ppm)	3.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.10000 ppm
Iron(Fe)	0-5 (ppm)	2.78000 ppm
Bismuth(Bi)	0-5 (ppm)	2.34000 ppm
Sulfate(SO42-)	0-5 (ppm)	0.00000 ppm
(Pb)Lead	0-5 (ppm)	0.00000 ppm
Magnesium(Mg)	0-5 (ppm)	1.34000 ppm
Zinc(Zn)	0-5 (ppm)	0.34000 ppm
UV Absorbance 280nm	0-0.05	0.00340
Potassium(K)	0-50 (ppm)	0.04960 ppm
Nickel(Ni)	0-5 (ppm)	0.00000 ppm
DNases	none detected	none detected
Insoluble matter	pass	Pass



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Parameter

phosphatases

proteases

RNases

Solubility in H₂O , Colorless Clear,0.5 M

Limit Values

none detected

none detected

none detected

pass

Result

none detected

none detected

none detected

Pass

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

John Su
QA & QC Manager