

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Boric acid**
 Specifications & Purity: UltraBio™, Suitable for molecular biology, ≥99.5%(T)
 SKU # **B755555**

Parameter	Limit Values
Appearance(B755555)	Colorless or White Powder or Crystals
Assay(titration by 1M NaOH)	99.5-101 (%)
Drying loss	0-0.5 (%)
Aluminum(Al)	0-5 (ppm)
Arsenic(As)	0-0.5 (ppm)
Barium(Ba)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Calcium(Ca)	0-10 (ppm)
Cadmium(Cd)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
Chromium(Cr)	0-5 (ppm)
Copper(Cu)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Lithium(Li)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Manganese(Mn)	0-5 (ppm)
Molybdenum(Mo)	0-5 (ppm)
Sodium(Na)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
Lead(Pb)	0-5 (ppm)
Strontium(Sr)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
Chloride (Cl-)	0-5 (ppm)
(PO4)Phosphate	0-5 (ppm)
Sulfate(SO42-)	0-5 (ppm)
non-volatile substances in MeOH/HCl	0-0.05 (%)
Solubility(1M in H2O HOT),Clear colorless	Pass
pH(1M in H2O,25°C)	3.6-4.4
Residue(filter test)	no residue
UV Absorbance 280nm(at 1M in H2O)	0-0.01
UV - ABS. AT 260 nm(1M Water)	0-0.015



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Parameter

Dnases, Rnases, Proteases, Phosphatases

Limit Values

None Detected