

Specification Sheet

Product Name: **Boric acid**
 Specifications & Purity: Molecular biology grade, ≥99.5%(T)
 SKU #: **B111604**

Parameter	Limit Values
Copper(Cu)	0-5 (ppm)
Assay(Titration)	99.5-100 (%)
Strontium(Sr)	0-5 (ppm)
Cadmium(Cd)	0-5 (ppm)
Aluminum(Al)	0-5 (ppm)
Barium(Ba)	0-5 (ppm)
(As)Arsenic	0-0.5 (ppm)
UV Absorbance 260nm	0-0.05
Manganese(Mn)	0-5 (ppm)
Cobalt (Co)	0-5 (ppm)
PH(25 °C, 50 mg/mL in Water)	3.6-4.4
Calcium(Ca)	0-10 (ppm)
Sodium(Na)	0-50 (ppm)
Chrome(Cr)	0-5 (ppm)
Iron(Fe)	0-5 (ppm)
Bismuth(Bi)	0-5 (ppm)
Sulfate(SO42-)	0-5 (ppm)
(Pb)Lead	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Zinc(Zn)	0-5 (ppm)
UV Absorbance 280nm	0-0.05
Potassium(K)	0-50 (ppm)
Nickel(Ni)	0-5 (ppm)
DNases	none detected
Insoluble matter	pass
phosphatases	none detected
proteases	none detected
RNases	none detected
Solubility in H2O , Colorless Clear,0.5 M	pass