

Certificate of Analysis

Date of Testing: 2023-04-03 15:16:57
Date of Next Testing: 2027-04-02 15:16:57
Product Name: **Boric acid**
CAS Number: 10043-35-3
Specifications & Purity: Analytical Reagent, ≥99.5%
Lot #: C2324658
SKU #: **B111592**
Analysis: **206707**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-0.002 (%)	0.00200 %
Phosphate(PO ₄)	0-0.0005 (%)	0.00050 %
Novolatile with methanol	0-0.05 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.0005 (%)	0.00050 %
Assay	99.5-100 (%)	99.96000 %
(As)Arsenic	0-0.0001 (%)	0.00010 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00050 %
Lead(Pb)	0-0.001 (%)	0.000800 %
Clarity of solution , ≤2#	Pass	Pass
Solubility in EtOH	Pass	Pass
Appearance (B111592)	Colorless crystal or white powder	Colorless crystal or white powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager