

Certificate of Analysis

Date of Testing: 2025-03-17 16:00:17

Date of Next Testing: 2029-03-16 16:00:17

Product Name: **Boric acid**

CAS Number: 10043-35-3

Specifications & Purity: for electrophoresis, ≥99.5%

Lot #: C2512370

SKU #: **B111601**

Version: **1**

Analysis #: **485387**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Insoluble matter in MeOH	0-0.005 (%)	0.00 %
Chloride	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Phosphate(PO ₄)	0-0.001 (%)	0.00 %
Nonvolatile Matter with MeOH	0-0.05 (%)	0.00 %
Assay	99.5-100 (%)	100.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.01 (%)	0.00 %
Appearance (B111601)	White powder or solid	white powder or solid
Electrophoresis test	pass	Pass
Solubility in H ₂ O , Colorless Clear , 1 g plus 25 ml, H ₂ O	pass	Pass



John Su
QA & QC Manager