

## Certificate of Analysis

Date of Testing: 2022-09-20 16:51:58  
Date of Next Testing: 2026-09-19 16:51:58  
Product Name: **Boric acid**  
CAS Number: 10043-35-3  
Specifications & Purity: 99.5% , for electrophoresis  
Lot #: I2214458  
SKU #: **B111601**  
**Analysis:** **137810**  
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(PO4)	0-0.001 (%)	0.00 %
Nonvolatile Matter with MeOH	0-0.05 (%)	0.04 %
Assay	99.5-100 (%)	100.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Appearance (B111601)	White powder or solid	white powder or solid
Electrophoresis test	pass	Pass
Solubility in H2O , Colorless Clear , 1 g plus 25 ml, H2O	pass	Pass



John Su  
QA & QC Manager