

Certificate of Analysis

Date of Testing: 2024-04-17 16:41:05
Date of Next Testing: 2027-04-17 16:41:05
Product Name: **Boric acid**
CAS Number: 10043-35-3
Specifications & Purity: Premium-Grade Reagents , for Analysis, ACS,ISO,Reag. Ph Eur
Lot #: D2407125
SKU #: **B431198**
Analysis: **334855**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	99.5-100.5 (%)	99.97000 %
PH(3.3%; in Water)	3.8-4.8	4.01
Chloride (Cl-)	0-0.0003 (%)	0.00 %
Phosphate(PO4)	0-0.0005 (%)	0.00000 %
Sulfate(SO4)	0-0.0005 (%)	0.00000 %
Insoluble matter in MeOH	0-0.005 (%)	0.00 %
Heavy metals(as Pb)	0-0.0005 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0001 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Nonvolatile Matter with MeOH	0-0.05 (%)	0.00 %
Appearance of solution	Conforms	Conforms
solubility in ethanol	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager