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Product Specification

Product Name:

Boric acid – for electrophoresis, ≥99.5%

Product Number:

B7901

CAS Number:

10043-35-3

MDL:

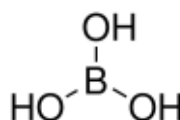
MFCD00011337

Formula:

H₃BO₃

Formula Weight:

61.83 g/mol



TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
40 mg/mL, H ₂ O	
Suitability	Suitable
Suitable for use as an electrophoresis reagent	
Insoluble Matter	≤ 0.005 %
(in MeOH)	
Nonvolatile Matter	≤ 0.05 %
(with MeOH)	
Chloride (Cl)	≤ 0.001 %
Phosphate (PO ₄)	≤ 0.001 %
Sulfate (SO ₄)	≤ 0.01 %
Calcium (Ca)	≤ 0.005 %
Heavy Metals (as Lead)	≤ 0.001 %
Iron (Fe)	≤ 0.001 %
Titration with NaOH	≥ 99.5 %
H ₃ BO ₃	

Specification: PRD.0.ZQ5.10000043519

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.