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Certificate of Analysis

Product	80266 - Boric Acid ACS, 99.5% - [10043-35-3]
Batch No	3122258
Analysis Date	18-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	H3BO3
Molecular Weight	61.83

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder/Solid	Crystalline powder
Solubility (Turbidity) 10% hot aq. solution	Clear	Clear
Solubility (Colour) 10% hot aq. solution	Colourless	Colourless
Assay (T)	min. 99.5%	99.5%
pH (3.3% hot aq. solution)	3.8 - 4.8	3.9
Insoluble in methanol	max. 0.005%	0.002%
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Calcium (Ca)	max. 0.005%	Passes
Phosphate (PO4)	max. 0.001%	Passes
Nonvolatile with methanol	max. 0.05%	0.01%

FRM/82/11/4/80266 Rev No. 3 Date 17/06/2024

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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