



Certificate of Analysis

Product	80266 - Boric Acid ACS, 99.5% - [10043-35-3]	
Batch No	5541256	
Analysis Date	08-May-2025	
Date of Manufacture	May 2025	
Expiry Date/Re-Test Date	May 2030	
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%	99.6%
pH (3.3% hot aq. solution)	3.8 - 4.8	3.92
Insoluble in methanol	max. 0.005%	0.001%
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%