



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name:Boric Acid

Product Number:BOR-20260212

Batch Number:BOR-SH2026021201

Brand:TECHPURE

CAS Number:10043-35-3

MDL Number:MFCD00011338

Formula:H₃BO₃

Formula Weight:61.83 g/mol

Quality Release Date:12 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (Color)	White	White	-	Visual Inspection
Appearance (Form)	Crystalline powder	Crystalline powder	-	Visual Inspection
Purity (HPLC)	≥ 99.5%	99.7%	%	High Performance Liquid Chromatography (HPLC)
Melting Point	169-171 °C	170.0-170.8 °C	°C	Melting Point Apparatus
Water Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 0.5 ppm	0.1 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 0.1 ppm	0.03 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Iron (Fe)	≤ 1 ppm	0.3 ppm	ppm	Atomic Absorption Spectrometry (AAS)
pH Value (1% aqueous solution, 25 °C)	4.5-5.5	5.0	-	Digital pH Meter

Certification

This batch of product has been tested in accordance with industrial standards for boric acid and meets all specified requirements. It is qualified for industrial, pharmaceutical, and laboratory use.

Issue Date:12 FEB 2026