

Technical Data Sheet

Item

Name	Boric acid (IUPAC)
Synonyms	Acidum boricum, Boracic acid, Boron trihydroxide, Hydrogen borate, Hydrogen orthoborate, Orthoboric acid, Trihydroxyborane
Cas number	10043-35-3
Grade	Boric acid 99.9%

Application

Glass Fiber, Optical Glasses Production, Medicine

Packaging

PP bags net weight 25kg

Big bags net weight 1000 kg

Specifications

Parameter	Specification
Appearance	Free flowing white crystals
Mass fraction of main substance (H ₃ BO ₃) content, min	99.9%
Mass fraction of Boric anhydride (B ₂ O ₃), min	56.25%
Mass fraction of Sulphates, as SO ₄ ²⁻ , max	0.008
Mass fraction of Chlorides, as Cl ⁻ , max	0.001
Mass fraction of Iron (Fe), max	0.0005
Mass fraction of Calcium (Ca), max	0.005
Mass fraction of total heavy metals as Pb content, max	0.001
Mass fraction of Arsenic (As), max	0.0002
Mass fraction of Phosphates, as PO ₄ ³⁻ , max	0.001
Mass fraction of Insolubles in water, max	0.005