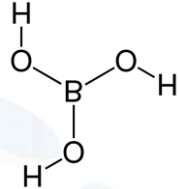


Boric Acid Technical Grade 99.9%

General Information

Chemical Formula	H ₃ BO ₃	
H.S. Code	28100020	
CAS No.	10043-35-3	
Molecular Weight	61.83 g/mol	
Origin	Bolivia	

Application

Fiber Glass and Glass	Boric compounds are important components in optical glass industry to reduce thermal and mechanical shocks but to increase chemical resistance and durability.
Ceramics	Boric compounds are used to control the coefficient of expansion to ensure that the glaze remains fixed with the body without crazing or distortion.
Pharmaceuticals and Cosmetics	It used as a pH buffer and as a moderate antiseptic agent and emulsifier.
Wood Preservatives and Pesticides	Boric acid are very effective in controlling and eliminating insects and fungi.

Specification

Chemical Specification

Property	Unit		Value
H ₃ BO ₃	g/100 g	%	>99,9
B ₂ O ₃ %	g/100 g	%	>56,25
B (Boron) %	g/100 g	%	17,48
Sulfate (SO ₄)	mg/Kg	ppm	100 to 200
Chlorides (Cl-)	mg/Kg	ppm	300 to 400
Ca (Calcium)	mg/Kg	ppm	< 50
Na (Sodium)	mg/Kg	ppm	< 350

Sieve Specification (granulometry)

Granulometry Expressed in millimeters		
< 0,60 mm	0,60 mm to 0,15 mm	0,15 mm
< 600 um	600 um to 150 um	>150 um
Mesh Size ASTM		
< 30	30 a 100	>100
5%	70%	25%

Packaging

25 kg small bags or 1000kg big-bags.