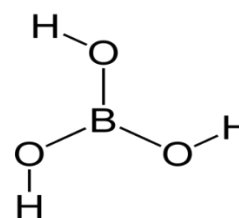




## Boric acid

**CAS №:** 10043-35-3, **EC:** 233-139-2

**Chemical formula:**  $H_3BO_3$



**Appearance:** Colorless crystals in form of flakes or white crystal powder, slightly with a greasy feel, odorless.

**Application:** in the production of borosilicate glass and fiberglass, liquid crystal screens, optical fibers, solar cells, ceramics, fertilizers, in the nuclear power industry – as neutrons absorber.

**Specification:**

Chemical and physical parameters	Values
Mass content of boric acid ( $H_3BO_3$ ), %, not less	99,9
Mass content for chlorides, ( $Cl^-$ ), %, not more	0,001
Mass content of sulfates, ( $SO_4^{2-}$ ), %, not more	0,008
Mass content of iron (Fe), %, not more	0,0005
General content of heavy metals (Pb), %, not more	0,001
Mass content of calcium (Ca), %, not more	0,005
Mass content of phosphates, ( $PO_4^{3-}$ ), %, not more	0,001
Mass content of arsenic (As), %, not more	0,0002
Mass content of water-insoluble residue, %, not more	0,005
<b>Size-fraction definition:</b>	
Large-scale mark	Ordinary mark
Sieve residue: %	Sieve residue: %
0,075 mm not less than 90	0,400 mm, not less than 10
	0,063 mm, not less than 70

**Package:** 25 kg bags, 1000 kg big-bags.