

Product name:
Boric acid
Grade
Laboratory
Cas-N 10043-35-3

Synonyms: Orthoboric acid; Borofax; Trihydroxidoboron; Trihydroxyborane

Chemical formula: **H₃BO₃**
General information

Ec-No	233-139-2	Molar mass	61.83 g/mol
Appearance	colorless or white solid	Vapor pressure	2.7 hpa(20°C)
Boiling point	N/A	Solub. In H ₂ O	50 g/l (21°C)
Melting point	185°C(decomposition)	Storage temp	≤ +30 ° C
Flash point	N/A	R	N/A
Spec.density	1.44 g/cm ³ (20°C)	S	N/A

Specification

Assay (alkalimetric)	99.5 - 100.5 %
Identity	passes test
Completeness of solution	passes test
Solubility in ethanol	passes test
Sulfate (SO ₄)	≤ 0.04 %
Heavy metals (as Pb)	≤ 0.0010 %
Organic impurities	passes test
Loss on drying (Silica gel)	≤ 0.5 %

Hazard Symbol


Available Pack	100 gr	250 gr	500 gr	1 kg	5 kg	10 kg
Glass						
P.E				*	*	*

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