

Technical data sheet



Product name: **Boric acid**

Grade: **Laboratory**

Chemical formula: H_3BO_3

Molar mass: 61.83 g/mol

Synonyms: Orthoboric acid; Borofax

General information	
Cas- No.	10043-35-3
Ec-No.	233-139-2
Appearance	colorless or white solid
Boiling point	N/A
Melting point	185°C(decomposition)
Flash point	N/A
Spec.density	1.44 g/cm ³ (20°C)
Vapour pressure	2.7 hpa(20°C)
Solub. In H ₂ O	50 g/l (21°C)
Storage temp	≤+30 ° C
R:	N/A
S:	N/A

Specification	
Assay	99.8-100.5 %
Identity	conforms
Appearance	conforms
Insolub matter in CH ₂ OH	≤ 0.005 %
Bulk density	~400-600 kg/m ³
Solubility in ethanol	conforms
Sulfate	≤ 0.0005 %
Heavy metals (as Pb)	≤ 0.0005 %
Organic impurities	conforms
Nonvotatile with methanol	≤ 0.05 %
pH value	3.8-4.8(3.3%, water)

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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