

**Technical Data sheet****BORIC ACID**

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**Product Code** :011302 BORIC ACID**Formula** :H<sub>3</sub>BO<sub>3</sub>**Retest period** : 60 months**Standard Grade** : PE**Rev.:** 06/06/2017**According to monographs** :ACS 10 ED.,PH.EUR. 9ED.

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**General Information :**

Mol weight	61,83 g/mol
CAS Nr	10043-35-3
EINECS Nr	233-139-2
HS code	28100090

**Transport :**

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**Specifications :**

Identification	Passes test	Assay (Acidim.)	99,5 - 100,5 %
Assay(Acidim,dried basis)	99,5 - 100,5 %	Appearance of solution	Passes test
pH of a 3.3% solution	3,8 - 4,8	Methanol-insoluble matter	Max. 0,005 %
Solubility in ethanol	Passes test	Solubility in water	Passes test
Chloride (Cl)	Max. 0,001 %	Non-volatile matter	Max. 0,05 %
Loss on drying	Max. 0,5 %	Sulphate (SO4)	Max. 0,01 %
Phosphate (PO4)	Max. 0,001 %	Heavy metals (as Pb)	Max. 0,001 %
Organic matter	Passes test	Calcium (Ca)	Max. 0,005 %
Iron (Fe)	Max. 0,001 %		

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**Labels** : H-360FD:May damage fertility. May damage the unborn child. P-202:Do not handle until all safety precautions have been read and understood. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.