



Product Specification

Product Name: BORIC ACID Granular LR

Alternate Name(s) Boracic acid; orthoboric acid; hydrogen orthoborate.

Description

Colourless odourless scales or white powder; stable in air.

Properties

Chemical Formula:

Molecular Weight: 61.83

Product Code: BL031

CAS No.: 10043-35-3

General Information:

Soluble in alcohol and glycerol. Reacts violently with potassium, acid anhydrides. Incompatible with water, strong bases, alkali metals. Non-flammable. Moisture sensitive.

Quality Specification

Assay: 99.9- 100.2%

Specific Properties and Impurities [Typical levels]:

Specific Gravity	1.5 (20°C)
Solubility in water (20°C)	50 g/l
Chloride (Cl)	≤ 0.035%
Iron (Fe)	≤ 0.001%
Sulfate (SO ₄)	≤ 0.1%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH1D
Poison schedule:	S5
Emergency Procedure Guide No.:	N/A

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