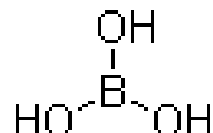


SPECIFICATION : BORIC ACID AR

Issue date	01/06/2018	Review date	31/05/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	H ₃ BO ₃
2	Product code	B004
3	Molecular weight	61.83
4	CAS No	10043-35-3
5	Risk Statement No	60-61
6	Safety Statement No	45-53
7	UN No.	



PACKING DETAILS

	Product code	Pack size
1	B00410	500 g
2	B00413	5 Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	White granules.
2	Clarity	Solution of 5% water is clear and colourless.
3	Assay	Not less than 99.5%
4	pH (3.3% aqueous solution)	Between 3.8 and 4.8
5	Water insoluble matter	Not more than 0.005%
6	Alcohol insoluble matter	Not more than 0.005%
7	Non-Esterifiable impurities	Not more than 0.04%
8	Chloride (Cl)	Not more than 0.0002%
9	Phosphate (PO ₄)	Not more than 0.001%
10	Sulphate (SO ₄)	Not more than 0.001%
11	Arsenic (As)	Not more than 0.0001%
12	Barium	Not more than 0.001%
13	Calcium (Ca)	Not more than 0.001%
14	Copper (Cu)	Not more than 0.0002%
15	Iron (Fe)	Not more than 0.0002%
16	Magnesium (Mg)	Not more than 0.0005%
17	Loss on drying (on silica gel for 5 Hrs)	Not more than 0.5%

Department: Quality Control

Document No: LCPL/QSD/QAD/11

SOP No.: DB/SOP/QC/11-B004

SPECIFICATION : BORIC ACID AR

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SAFETY SYMBOLS



Toxic



Health hazard