

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

Product Name : Boric Acid AR

Mol. Formula : H_3BO_3

Mol. Weight : 61.83 g/mol

Catalog No. : A-2013

Cas No : 10043-35-3

Batch No. : 110523001

Mfg. Date : May, 2023

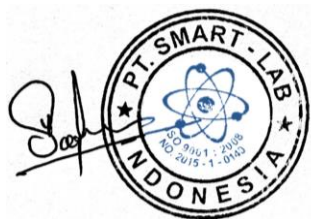
Exp. Date : May, 2028



NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	—	White crystal, powder or flakes	White powder
2.	Assay (acidimetric)	wt %	min 99.5	99.9147
3.	Alcohol insoluble matter	wt %	max 0.005	0.0033
4.	Water insoluble matter	wt %	max 0.005	0.0028
5.	Chloride (Cl)	wt %	max 0.0002	< 0.0002
6.	Phosphate (PO_4)	wt %	max 0.001	0.00079
7.	Sulphate (SO_4)	wt %	max 0.001	< 0.001
8.	Arsenic (As)	wt %	max 0.0001	< 0.0001
9.	Calcium (Ca)	wt %	max 0.001	0.00014
10.	Magnesium (Mg)	wt %	max 0.0005	< 0.0005
11.	Iron (Fe)	wt %	max 0.0002	< 0.0002
12.	Heavy metals (as Pb)	wt %	max 0.001	< 0.001

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC