

PT. SMART-LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS



CERTIFICATE OF ANALYSIS

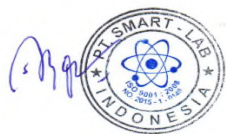
Product Name	: Boric acid	Molecular Weight	: 61.83 g/mol
Catalog No.	: A-2013	Batch No.	: 100720001
Grade	: Analytical Reagent	Manufacturing Date	: July 10, 2020
Formula	: H_3BO_3	Expire Date	: July , 2025
Cas No	: 10043-35-3		

NO	ITEM TEST	UNITS	SPECIFICATION	RESULT
1.	Appearance	–	White crystal, powder or flakes	White powder
2.	Assay (acidimetric)	wt %	min 99.5	99.906
3.	Alcohol insoluble matter	wt %	max 0.005	0.0037
4.	Water insoluble matter	wt %	max 0.005	0.0024
5.	Chloride (Cl)	wt %	max 0.0002	< 0.0002
6.	Phosphate (PO_4)	wt %	max 0.001	0.00077
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	0.00015
10.	Magnesium (Mg)	wt %	max 0.0005	< 0.0005
12.	Iron (Fe)	wt %	max 0.0002	< 0.0002
13.	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

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Head QC