

## LEONID CHEMICALS PVT. LTD.

## FINE CHEMICAL

Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: DB/SOP/QC/11-B017	
SPECIFICATION : BORAX AR					
Issue date	15/05/2018	Review date	14/05/2023	Location	All Units
Version No.:	00	Supersedes		Page No	1 of 1

## **PRODUCT DETAILS**

FROI	JUCI DETAILS			
1	Molecular Formula	$Na_2B_4O_7 \cdot 10H_2O$ $H_2O$ $H_2O$ $H_2O$ $H_2O$		
2	Product code	B017 Na <sup>+</sup> Na <sup>+</sup>		
3	Molecular weight	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
4	CAS No	1303-96-4 $H_2O$ $H_2O$		
5	Risk Statement No	60-61 H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O		
6	Safety Statement No	53-45		
7	UN No.			
PACKING DETAILS				
	Product code	Pack size		
1	B01710	500 g		
2	B01713	5 Kg		
PRODUCT SPECIFICATION				
SL. No.	TEST PARAMETERS	LIMITS		
1	Description	A white crystalline powder		
2	Miscibility	10% solution in cold water is clear and colourless.		
3	Assay	Between 99.5% and 102.5%		
4	Insoluble matter	Not more than 0.003%		
5	Boric oxide $(B_2O_3)$	Not more than 0.2%		
6	Sodium oxide (Na <sub>2</sub> O)	Not more than 0.2%		
7	Chloride (Cl)	Not more than 0.0005%		
8	Phosphate (PO <sub>4</sub> )	Not more than 0.001%		
9	Sulphate (SO <sub>4</sub> )	Not more than 0.0025%		
10	Arsenic (As)	Not more than 0.0002%		
11	Calcium (Ca)	Not more than 0.002%		
12	Copper (Cu)	Not more than 0.0005%		
13	Iron (Fe)	Not more than 0.0005%		
14	Lead (Pb)	Not more than 0.0005%		
15	Magnesium (Mg)	Not more than 0.002%		
SAFE	TY SYMBOLS			

