



CERTIFICATE OF ANALYSIS

Date: 07/08/13

PRODUCT NAME : DI-SODIUM TETRABORATE (BORAX) DECAHYDRATE GR

CAS No : 1303-96-4
Mol. Formula : $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
Mol.WT : 381.37

Product code : 26160
Batch No : MCRT- 6990
Mfd. : Aug. 2013

S.R	Test	Specification	Observation
1	Assay	99.5 - 102.5 %	100.19 %
2	pH of (0.05 M solution)	9.1- 9.3	9.3
3	Insoluble matter	0.003% max	0.002%
4	Boric oxide (B_2O_3)	0.2% max	<0.2%
5	Sodium oxide (Na_2O)	0.2% max	<0.2%
6	Carbonate (CO_3)	0.05% max	<0.05%
7	Chloride (Cl)	0.0005% max	<0.0005%
8	Phosphate (PO_4)	0.001% max	<0.001%
9	Sulphate (SO_4)	0.0025 % max	<0.0025 %
10	Arsenic (As)	0.0002% max	<0.0002%
11	Calcium(Ca)	0.002%max	<0.002%
12	Copper(Cu)	0.0005% max	<0.0005%
13	Iron(Fe)	0.0005% max	<0.0005%
14	Lead (Pb)	0.0005% max	<0.0005%
15	Magnesium (Mg)	0.002% max	<0.002%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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