CERTIFICATE OF ANALYSIS

PRODUCT NAME : di-SODIUM TETRABORATE (BORAX) DECAHYDRATE AR

CAS No	**: 1303-96-4**	**Product code**	**: 26160**
Mol. Formula	**: $Na_2B_4O_7.10H_2O$**	**Batch No.**	**: MCRT-28934**
Mol. WT	**: 381.37**	**Mfd.**	**: Aug. 2023**
Date of analysis	**: 02/08/23**	**Exp.**	**: July 2028**

S.R	Test	Specification	Observation
1	**Description**	Colourless crystals or White crystalline powder or powder.	White crystalline powder.
2	**Assay**	99.5 - 102.5 %	99.70%
3	**pH of (0.05 M solution)**	9.1- 9.3	9.16
4	**Insoluble matter**	0.003% max	0.002%
5	**Boric oxide (B_2O_3)**	0.2% max	<0.2%
6	**Sodium oxide (Na_2O)**	0.2% max	<0.2%
7	**Carbonate (CO_3)**	0.05% max	<0.05%
8	**Chloride (Cl)**	0.0005% max	<0.0005%
9	**Phosphate (PO_4)**	0.001% max	<0.001%
10	**Sulphate (SO_4)**	0.0025 % max	<0.0025 %
11	**Arsenic (As)**	0.0002% max	<0.0002%
12	**Calcium(Ca)**	0.002%max	<0.002%
13	**Copper(Cu)**	0.0005% max	<0.0005%
14	**Iron(Fe)**	0.0005% max	<0.0005%
15	**Lead (Pb)**	0.0005% max	<0.0005%
16	**Magnesium (Mg)**	0.002% max	<0.002%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Priyanka)

[QC Incharge]

HEAD-QUALITY ASSURANCE
G.G.Salian)

Note: Computer generated image requires no sign.

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