



CERTIFICATE OF ANALYSIS

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

CAS No	: 1303-96-4	Product code	: 26160
Mol. Formula	: Na ₂ B ₄ O ₇ ·10H ₂ O	Batch No.	: MCRT-30262
Mol. WT	: 381.37	Mfd.	: Jan. 2024
Date of analysis	: 23/01/24	Exp.	: Dec. 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 %	101.18%
3	pH of (0.05 M solution)	9.1- 9.3	9.27
4	Insoluble matter	0.003% max	0.001%
5	Boric oxide (B₂O₃)	0.2% max	<0.2%
6	Sodium oxide (Na₂O)	0.2% max	<0.2%
7	Carbonate (CO₃)	0.05% max	<0.05%
8	Chloride (Cl)	0.0005% max	<0.0005%
9	Phosphate (PO₄)	0.001% max	<0.001%
10	Sulphate (SO₄)	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
(Deepa)**

[QC Incharge]

**HEAD-QUALITY ASSURANCE
G.G.Salian)**

Note: Computer generated image requires no sign.

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