



CERTIFICATE OF ANALYSIS

PRODUCT NAME : tri-SODIUM ORTHOPHOSPHATE (DODECAHYDRATE) AR

CAS No : 10101- 89- 0
Mol. Formula : $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
Mol. WT : 380.12
Date of Analysis : 15/03/22

Product code : 25950
Batch No. : MCRT-25297
Mfd. : March 2022
Exp. : Feb. 2027

S. R	Test	Specification	Observation
1	Description	Colourless or white crystals or crystalline powder.	White crystalline powder.
2	Assay	98.0% w/w min.	98.30 % w/w
3	Insoluble matter	0.005% max	0.002%
4	Free alkali (as NaOH)	2.0% max	<2.0%
5	Chloride (Cl)	0.001% max	<0.001%
6	Nitrogen compounds (N)	0.001% max	<0.001%
7	Sulphate (SO_4)	0.005% max	<0.005%
8	Calcium (Ca)	0.002% max	<0.002%
9	Copper (Cu)	0.0005% max	<0.0005%
10	Iron (Fe)	0.001% max	<0.001%
11	Lead (Pb)	0.0005% max	<0.0005%
12	Magnesium (Mg)	0.002% max	<0.002%
13	Potassium (K)	0.005% max	<0.005%

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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