

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 : 19/03/25

Product code : 25950

Batch No. : MCAR-01363

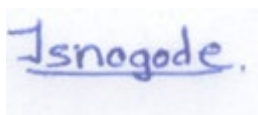
Mfd. : March 2025

Exp. : Feb. 2030

S.R	Test	Specification	Observation
1	Description	Colourless or white crystals or crystalline powder.	White crystalline powder.
2	Assay	98.0% w/w min.	99.20% 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]



**CHEMIST
(Jyoti)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.