

## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME :** tri-SODIUM ORTHOPHOSPHATE (DODECAHYDRATE) LR

**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** : 05/12/23

**Product code** : 18670  
**Batch No** : MCR-21230-03  
**Mfd.** : Dec. 2023  
**Exp.** : Nov. 2028

| S.R | Test                                 | Specification                                       | Observation               |
|-----|--------------------------------------|-----------------------------------------------------|---------------------------|
| 1   | <b>Description</b>                   | Colourless or white crystals or crystalline powder. | White crystalline powder. |
| 2   | <b>Assay (acid –base titrimetry)</b> | 98 - 102%                                           | 99.90%                    |
| 3   | <b>Chloride (Cl)</b>                 | 0.1% max                                            | <0.1%                     |
| 4   | <b>Sulphate (SO<sub>4</sub>)</b>     | 0.05% max                                           | <0.05%                    |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Deepa)**

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

**Note:** Computer generated image requires no sign.

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