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Certificate of Analysis

Product	73670 - tri-Sodium Orthophosphate Dodecahydrate extrapure AR, 99% - [10101-89-0]
Batch No	2294085
Analysis Date	23-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	Na ₃ PO ₄ .12H ₂ O
Molecular Weight	380.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (NaOH titration)	min. 99%	99.5%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO ₄)	max. 0.005%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.001%	Passes
Fluoride (F)	max. 0.0005%	Passes
Free alkali (NaOH)	max. 2.5%	Nil

FRM/82/11/4/73670 Rev No. 3 Date 23/08/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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