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Certificate of Analysis

Product	16622 - Tris Buffer USP, 99-101% (Non Injectable Use) - [77-86-1]
Batch No	1201019
Analysis Date	21-Feb-2024
Date of Manufacture	February 2024
Expiry Date/Re-Test Date	January 2027
Molecular Formula	C ₄ H ₁₁ NO ₃
Molecular Weight	121.14

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility	Freely soluble in water	Freely soluble in water
Identification Test	A) By Infrared absorption B) By Chemical test C) By Chemical test	Complies Complies Complies
Assay (On dry basis)	99 - 101%	99.9%
Residue on ignition	max. 0.1%	0.06%
Melting Point	168 - 172°C	170.9°C
pH (5% aq. solution)	10.0 -11.5	10.8
Loss on drying	max. 1.0%	0.1%
Reference	USP 44	

FRM/82/11/4/16622 Rev No. 2 Date 15/05/2022

Prepared by **Prajakta**

In compliance with the standard specifications of SRL

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

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1/1

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