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Certificate of Analysis

Product	56995 - Tris Buffer for HPLC, 99.9% - [77-86-1]
Batch No	3823790
Analysis Date	22-Jan-2023
Date of Manufacture	January 2023
Expiry Date/Re-Test Date	January 2028
Molecular Formula	C4H11NO3
Molecular Weight	121.14

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 40% aq. solution	Clear	Clear
Solubility (Colour) 40% aq. solution	Colourless	Colourless
Assay (On dry basis)	min. 99.9%(By neutralization)	99.9%
Melting Point	169 - 171°C	170.5°C
pH (10% aq. solution)	10.5 - 11.0	10.7
Loss on drying	max. 0.5%	0.3%
Sulphated Ash	max. 0.01%	0.006%
Chloride (Cl)	max. 0.0001%	Passes
Sulphate (SO4)	max. 0.0005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0002%	Passes
Arsenic (As)	max. 0.0001%	Passes
Absorbance (A) of 10% aq. solution in a 1cm cell v/s H2O		
@230nm	max. 0.40	0.288
@260nm	max. 0.05	0.022
@280nm	max. 0.04	0.019
@430nm	max. 0.01	0.004

FRM/82/11/4/56995 Rev No. 2 Date 25/09/2019

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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