



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

89781 - Tris Hydrochloride (Tris HCl) for molecular biology, 99% - [1185-53-1]

Batch No

8304697

Analysis Date

09-Jul-2024

Date of Manufacture

July 2024

Expiry Date/Re-Test Date

July 2029

Molecular Formula

C₄H₁₁NO₃.HCl

Molecular Weight

157.60

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 (NT)	mim. 99.0%	99.6%
Melting Point	149 - 151°C	150.6°C
Loss on drying	max. 0.3%	0.1%
Sulphated Ash	max. 0.05%	0.03%
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Copper (Cu)	max. 0.0001%	Passes
Absorbance (A) of 40% aq. solution in a 1cm cell v/s H ₂ O	.	
@290nm	max. 0.03	0.012
@280nm	max. 0.08	0.016
@260nm	max. 0.08	0.019
DNase, RNase, Protease	not detected	Not detected

FRM/82/11/4/89781 Rev No. 3 Date 08/09/2022

Prepared by **Mayur**

In compliance with the standard specifications of SRL

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

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