



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

www.srlchem.com

Certificate of Analysis

Product	37969 - Tris Buffer Superior for molecular biology, 99.9% - [77-86-1]
Batch No	8869420
Analysis Date	15-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
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	171°C
pH (10% aq. solution)	10.5 - 11.0	10.77
Loss on drying	max. 0.5%	0.1%
Sulphated Ash	max. 0.01%	0.03%
Insoluble matter	max. 0.005%	0.002%
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 40% aq. solution in a 1cm cell v/s H2O		
@260nm	max. 0.08	0.039
@280nm	max. 0.08	0.032
@290nm	max. 0.03	0.027
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/37969 Rev No. 2 Date 25/09/2019

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.