

CERTIFICATE OF ANALYSIS

Product Name	BIS-TRIS 99% MOLECULAR BIOLOGY		
CAS No.	6976-37-0	Code No.	00440
Batch No.	CS0825623	Date of Analysis	04/08/2025
Mfg. Date	Aug-2025	Mol.Weight (g/mol)	209.20
Expiry Date	July-2030	Mol. Formula	C8H19NO5

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White crystalline powder	White crystalline powder
2	Assay (by HClO ₄ titration)	Min 99.0%	99.56%
3	Insoluble matter	Passes filter test	Complies
4	Residue on ignition	Max 0.3%	0.027%
5	Loss on drying (at 20°; vacuum)	Max 0.5%	0.23%
6	Solubility (1 M in water)	Complete, colorless	Complies
7	pH (2% solution in water)	9.4 - 9.8	9.74
8	UV absorbance (at 280 nm; 10%; 1 cm; in water)	Max 0.1	0.0487
9	Chloride (Cl)	Max 0.005%	0.0008%
10	Sulphate (SO ₄)	Max 0.01%	0.006%
11	Iron (Fe)	Max 0.001%	0.0005%
12	Lead (Pb)	Max 0.001%	0.00013%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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