CERTIFICATE OF ANALYSIS

TRIS (HYDROXYMETHYL) AMINOMETHANE

Molecular Biology Grade

Catalogue No: 600-125-**

Lot No: 600125033

Expiration date: 03/2026

CAS No. 77-86-1

MSDS: Available upon request

Shipping: Ambient

Storage: Store at 15 to 30°C

TEST	SPECIFICATION	UNITS	RESULTS
Purity	>99.9	%	100.2
Residue on Ignition	≤0.05	%	0.028
Loss on drying	≤ 0.2	%	0.08
Melting Point	168 - 172	°	168.5 – 171.3
Iron (Fe)	≤ 1	ppm	Conform
Heavy Metals (as Pb)	≤ 5	ppm	Conform
PH (5% aq.)	10.0-11.5	----	10.78
DNase/RNase/Protease	None detected		Passes
Ultraviolet absorbace/280nm (40% aq.)	≤ 0.07		0.041
Ultraviolet absorbace/400nm (40% aq.)	≤ 0.02		0.003
Solubility (40% aq.)	Clear, colorless solution		Conform

ADDITIONAL INFORMATION:

White crystalline powder; freely soluble water

CHEMCAL FORMULA: $C_4H_{11}NO_3$

MOLECULAR WEIGHT: 121.14

Contact: technicalsupport@wisent.ca
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