CERTIFICATE OF ANALYSIS

TRIS BASE BUFFER

Molecular Biology Grade

Catalogue No: 600-127-**

MSDS: Available upon request

Lot No: 600127033

Shipping: Ambient

Expiration date: 07/2026

Storage: Store at 15 to 30°C

CAS No. 77-86-1

TEST	SPECIFICATION	UNITS	RESULTS
Appearance	White crystalline powder	----	Conform
Purity	>99.9	%	99.99
Residue on Ignition	≤0.05	%	0.030
Loss on drying	≤ 0.2	%	0.08
Melting Point	168 - 172	°	169.5 – 170.3
Iron (Fe)	≤ 1	ppm	Conform
Heavy Metals (as Pb)	≤ 5	ppm	Conform
PH (5% aq.)	10.0-11.5	----	10.31
DNase/RNase/Protease	None detected		Passes
Sulphate	≤ 10	ppm	Conform
Chloride	≤ 3	ppm	Conform
Ultraviolet absorbace/280nm (40% aq.)	≤ 0.07		0.024
Ultraviolet absorbace/400nm (40% aq.)	≤ 0.02		0.008
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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