CERTIFICATE OF ANALYSIS

TRIS (HYDROXYMETHYL) AMINOMETHANE HCL, MOLECULAR BIOLOGY GRADE

Catalogue No: 600-126-**

Lot No: 600126017

Expiration date: 08/2023

MSDS: Available upon request

Shipping: Ambient

Storage: Store at 15 to 30°C.

TEST	SPECIFICATION	UNITS	RESULTS
Purity	>99.0	%	100.69
Appearance	White Crystal	-----	Conform
Solubility (1M aq.)	Clear colorless solution	----	Conform
Absorbance 280nm (40% aq)	≤ 0.06	-----	0.048
Absorbance 400nm (40% aq)	≤ 0.05	-----	0.043
Heavy metals	≤ 5	ppm	Conform
pH	4.2 – 5.0	----	4.66

ADDITIONAL INFORMATION:

CHEMCAL FORMULA: $C_4H_{11}NO_3.HCl$

MOLECULAR WEIGHT: 157.60

CAS: 1185-53-1