



Certificate of Analysis

Tris Base USP

Catalog Number: TB1010
Lot Number: 0915503
CAS Number: 77-86-1
Molecular Formula: $C_4H_{11}NO_3$
Molecular Weight: 121.14
Storage: 15°C – 30°C
Date of Manufacture: January 4, 2015
Retest Date: January 3, 2019

Test	Specification	Result
Appearance	White crystalline material	Conforms
Assay (Dry Basis)	99.0 – 101.0%	100.1%
Identification (FTIR)	To match spectra	Conforms
Melting Point	168.0°C to 172.0°C	168.6°C - 171.8°C
pH (5.0% Solution in H ₂ O)	10.0 to 11.5	10.76
Moisture	≤ 1.0	0.04%
Residue on Ignition	≤ 0.1%	0.03%
Residual Solvents	To pass test	Conforms

Approved by:

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