



Specification

Tris Base USP

Catalog Number: TB1010
CAS Number: 77-86-1
Molecular Formula: $C_4H_{11}NO_3$
Molecular Weight: 121.14
Storage: 15°C – 30°C
Retest Period: Four years from the date of manufacture

Test	Specification
Appearance	White crystalline material
Assay (Dry Basis) ¹	99.0 – 101.0%
Identification ¹ A: FTIR B: Color Reaction C: Color Reaction	To match reference spectra Conforms Conforms
Melting Point ¹	168.0°C to 172.0°C
pH (5.0% Solution in H ₂ O) ¹	10.0 to 11.5
Moisture ¹	≤ 1.0
Residue on Ignition ¹	≤ 0.1%
Residual Solvents ¹	To pass test

¹This material meets the specifications for USP40.

Approved:

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