



## Specification

### Tris Base USP

**Catalog Number:** TR1001  
**CAS Number:** 77-86-1  
**Molecular Formula:**  $C_4H_{11}NO_3$   
**Molecular Weight:** 121.14  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay (on dried basis)	99.0 – 101.0%
Identification A (FTIR) B Color Reaction C Color Reaction	To match spectra To pass test To pass test
Melting Point	168°C to 172°C
Moisture (LOD)	≤ 1.0%
pH (5% in H <sub>2</sub> O)	10.0 to 11.5
Residue on Ignition	≤ 0.1%
Heavy metals (as Pb)	≤ 10ppm
All lots meet the specifications for USP40.	

Approved:

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