

**Product:** Tris, Ultra Pure, Molecular Biology Grade  
**Catalog Number:** T7786A

**Formula:** C<sub>4</sub>H<sub>11</sub>NO<sub>3</sub>  
**Formula Weight:** 121.14  
**CAS Number:** 77-86-1

**SPECIFICATION**

<u>Test</u>	<u>Specification</u>
Appearance.....	White crystals or crystalline powder
Purity (by titration) .....	NLT 99.9%
Solubility (40% solution in water).....	Clear, complete and colorless
Identification (By IR).....	Conforms to structure
Water (by KFT) .....	NMT 0.2%
Insoluble Matter .....	NMT 0.005%
pH (1 M solution in H <sub>2</sub> O, 25° C) .....	10.5 to 11.5
Melting Point .....	168.0 to 172.0° C
Absorbance (40% solution in water)	
290nm.....	NMT 0.05
Heavy Metals (as Pb).....	NMT 1 ppm
Iron (Fe) .....	NMT 1 ppm
DNase .....	None detected
RNase .....	None detected
Protease .....	None detected

Material is of non-animal, non-human origin.

