

# Product Specification Sheet



**Product Code** : BIO-1401  
**Identifier** : Tris  
**Grade** : Biotechnology  
**Appearance** : White, odorless crystalline powder  
**Molecular Formula** :  $C_4H_{11}NO_3$   
**Molecular Weight** : 121.14 g/mol  
**Product Description** : -  
**Storage Condition** : Store at room temperature. Protect from moisture.

<u>Assay:</u>	<u>Specification:</u>
Assay (after drying)	≥ 99.9 %
Solubility in water	Clear
Melting point	170 – 174°C
Absorbance (260nm)	< 0.05
Loss on drying	< 0.5 %
pH (0.1mol/L, 25°C)	10.0 – 10.8
Chloride (Cl)	< 0.001 %
Sulfate (SO <sub>4</sub> )	< 0.001 %
Copper (Cu)	< 2 ppm
Lead (Pb)	< 2 ppm
Iron (Fe)	< 2 ppm
RNase	< 0.01 ppm
DNase	< 1 ppm
Protease	< 1 ppm

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