

**TYPICAL CERTIFICATE OF ANALYSIS**

Name of the product : Bis (2-Hydroxyethyl) Aminotris (Hydroxymethyl) Methane  
(BIS - TRIS)

Shelf Life : 5 Years

<b>SR. NO.</b>	<b>Item</b>	<b>SPECIFICATION</b>	<b>RESULTS</b>
1.	Appearance	White crystalline powder	Conforms
2.	Assay	99.00 % to 101.00%	99.19 %
3.	Solubility (1.0M aq.)	Clear , Colorless Solution	Conforms
4.	Heavy Metals , ppm ( Lead )	≤ 5.0	Conforms
5.	Water Content , ( Loss on Drying )	≤1.00%	0.83 %
6.	pH value (1% aq.)	9.5-11.0	9.51
7.	Ultraviolet absorbance (0.1M aq.) (280 nm )	≤0.04	0.014
8.	Ultraviolet absorbance (1.0M aq.) (340 nm )	≤0.02	0.005
9.	Identity Infrared Spectrum	Conforms to reference	Conforms