

**TYPICAL CERTIFICATE OF ANALYSIS**

Name of the product : TRIS (Hydroxymethyl) Aminomethane

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	≥ 99.50 %	99.92 %
3.	Melting Point	168.0°C -171.0°C	169.8 °C – 170.9°C
4.	Solubility (40% aq.)	Clear , Colorless Solution	Conforms
5.	Heavy Metals , ppm ( Lead )	≤ 5.0	Conforms
6.	Water Content , ( Loss on Drying )	≤0.20 %	0.11 %
7.	pH value (5% aq.)	10.0 – 11.5	11.08
8.	Iron , ppm	≤ 1	Conforms
9.	Sulfate , ppm	≤ 10	Conforms
10.	Chloride , ppm	≤3	Conforms
11.	Ultraviolet absorbance (40% aq.) (280 nm )	≤0.07	0.049
12.	Substances insoluble in water	≤0.003 %	Conforms
13.	Identity Infrared Spectrum	Conforms to reference	Conforms