

TYPICAL CERTIFICATE OF ANALYSIS

Name of the product : TRIS (Hydroxymethyl) Aminomethane Hydrochloride
(TRIS, HCL)

Shelf Life : 5 Years

SR. NO.	Item	SPECIFICATION	RESULTS
1.	Appearance	White crystalline powder	Conforms
2.	Assay	≥ 99.50 %	99.95 %
3.	Melting Point	149.0°C -153.0°C	149.6 °C – 152.7°C
4.	Solubility (1.0M aq.)	Clear , Colorless Solution	Conforms
5.	Heavy Metals , ppm (Lead)	≤ 5.0	Conforms
6.	Water Content , (Loss on Drying)	≤0.50 %	0.27 %
7.	pH value (1% aq.)	4.20 – 5.00	4.80
8.	Iron , ppm	≤ 5	Conforms
9.	Ultraviolet absorbance (1.0M aq.) (260 nm)	≤0.06	0.041
10.	Ultraviolet absorbance (1.0M aq.) (280 nm)	≤0.05	0.030
11.	Identity Infrared Spectrum	Conforms to reference	Conforms