



**GMP & ISO 9001 Quality System Certified Organization**  
**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

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## CERTIFICATE OF ANALYSIS

**Name of Item:** TRIS BUFFER EP

**Formula:**  $\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3$

[tris (hydroxymethyl) amino methane]

**M.W.:** 121.14

**Batch No.:**

**CAS NO.:** 77-86-1

**Cat. No.:** UP4278

**Date of Mfg.:**

**Date of Analysis:**

Type of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Assay	(Min.) 99.0%	99.15%
Melting point	165 - 170°C	168°C
Sulphated ash	<0.15%	0.09%
Biological buffer pKa at 20	About 8.3	8.3

**Results :** The above product complies with EP grade