



CERTIFICATE OF ANALYSIS

Product Name	:	TRIS BUFFER 99.5% AR
Cas No.	:	77-86-1
Code No.	:	02782
Batch No.	:	PC12232237
Mfg. Date	:	DEC-2023
Date Of Analysis	:	23/12/2023
Retest Date	:	NOV-2028

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay (by HClO ₄ titration; on anhydrous basis)	Min 99.5%	99.65%
pH (5% solution in water)	10 - 11	10.56
Absorptivity at 250 nm - 440 nm (A 1%/1cm; 10% in water)	Passes test	Passes
Melting point	169 - 171°C	170°C
Chloride (Cl)	Max 0.001%	0.0002%
Sulphated ash	Max 0.01%	0.004%
Water (H ₂ O)	Max 0.5%	0.036%
Biological buffer at 25°C	pKa 8.07	Complies

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com