

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Tris Ultrapure
CAS NO. 77-86-1
BATCH NO. 26/MFM/3235
EXPIRY DATE: August 2027

Properties:	Specification:	Results:
Appearance:	White crystalline solid	complies
Assay (by titration):	>=99.90% - <=100.5 wt%	100.1%
Absorbance (40% aq. 290 nm)	<= 0.20	0.055
Identity:	IR Conforms	Conforms
Insoluble Matter	<= 0.005 wt%	< 0.005%
Loss on drying (3 hrs @ 105°C)	<= 0.2 wt %	0.09
pH (1%M aq. @ 25°C)	10.5 – 11.5	10.81
Melting Point	170.0 ± 2.0°C	168.9- 171.3
Residue on ignition	<= 0.1% wt %	0.030
Solubility (1M aq. @ 20°C)	Clear, colourless	Pass
Heavy metals (as Pb)	<= 1 ppm	< 1 ppm
European Pharmacopoeia 9.0	Complies	Complies

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16th January 2025