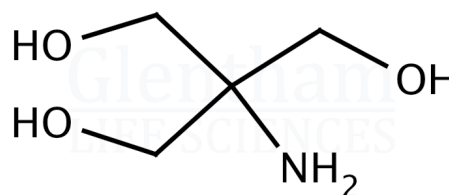


Certificate of Analysis

Product Name	Tris(hydroxymethyl)aminomethane
Glentham Code	GP9311
CAS Number	77-86-1
EINECS	201-064-4
MDL Number	MFCD00004679
Additional CAS	83147-39-1
Batch Number	383GFN
Molecular Weight	121.14
Molecular Formula	$C_4H_{11}NO_3$
Storage Temp.	+20°C



Property	Specification	Batch 383GFN
Physical Description	Colourless or white to almost white crystals	White crystals
Solubility (20% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
Colour (APHA)	≤ 20	≤ 5
pH (5% in water)	10.0 - 11.5	11.08
Melting Point	167.0 - 173.0 °C	170.2°C
Water	≤ 1.0%	0.3%
UV Absorption (40% in water)	260 - 290 nm: ≤ 0.40	Conforms
Assay (Titration)	≥ 99.0%	100.0%

Specification Version	v1.0
Manufacture Date	2022-05-12
Re-Test Date	2030-07-27

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025