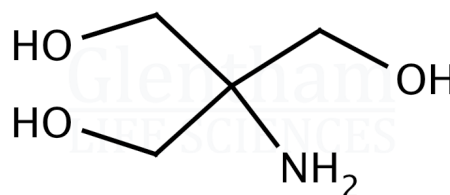


Product Specification

Product Name	TRIS Ultrapure, 99.9%, Ph. Eur. grade
Glentham Code	GB1923
CAS Number	77-86-1
EINECS	201-064-4
MDL Number	MFCD00004679
Additional CAS	83147-39-1
PubChem SID	310281446
Molecular Weight	121.14
Molecular Formula	$C_4H_{11}NO_3$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder or colourless crystals
Identification (IR)	To conform to standard
Solubility (1M in water)	Clear, colourless solution
pH (1M in water)	10.5 - 11.5
Water Insoluble Matter	≤ 0.005%
Melting Point	168.0 - 172.0 °C
UV Absorption (1M in water)	290nm: ≤ 0.050
Heavy Metals (as Pb)	≤ 1ppm
Iron (Fe)	≤ 1ppm
Chloride (Cl)	≤ 5ppm
Related Substances (TLC)	To pass Ph. Eur. test (≤ 1%)
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 0.5% (3h, 105°C)
Assay (Titration)	99.90 - 100.50 % (dried substance)
Pharmacopoeia Specification(s)	Ph. Eur.

Specification Version	- v1.1
Date Created	- 2017-03-20

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.

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