

Tris Base USP Biochemical

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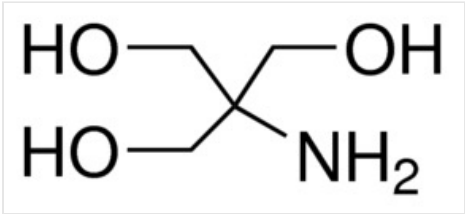
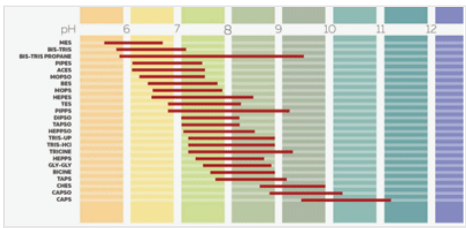
CATALOG #
AAA24111

PRODUCT SYNONYMS

Tris Base USP; Tris Base USP biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	100%
Form/Format	White crystalline powder
CAS Number	77-86-1
Molecular Formula	$C_4H_{11}NO_3$
Solubility (1M)	Colorless, clear, complete
pH (1M)	10.6
Absorbance (260nm)	0.03
Absorbance (280nm)	0.006
Absorbance (290nm)	0.005
Loss on Drying	0.11%
Insoluble Matter	< 0.005%
Melting Point	169.2-170.2°C
Heavy Metals (Pb)	< 0.0005%
Iron	< 0.0001%
Chloride	< 0.0002%
Note	Exceeds USP Specifications
Preparation and Storage	Room Temperature



Application Data
Biological Buffer pH chart

Structure
Tris(hydroxymethyl)aminomethane; 2-Amino-2-(hydroxymethyl)-1,3-propanediol; Tromethamine; 2-Amino-2-(hydroxymethyl)propane-1,3-diol; 2-Amino-2-methylol-1,3-propanediol; Addex-Tham; Aminotri(hydroxymethyl)methane; Aminotris(hydroxymethyl)methane; Methanamine, 1,1,1-tris(hydroxymethyl)-; NSC 103026; NSC 6365; NSC 65434; Pehanorm; Ricrolin TE; TAM; TAM (buffering agent); THAM; Talatrol; Tri Amino; Tris-steril; Trisamin; Trisamine; Trisaminol; Trizma; Trizma Base; Trometamol; Trometamole; Tromethane; Tromethanmin; Tutofusin Tris; [2-Hydroxy-1,1-bis(hydroxymethyl)ethyl]amine; Tris base

ADDITIONAL INFORMATION

Product Categories/Family for Tris Base USP biochemical	Biochemicals; Biochem-Biological Buffers
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NCBI AND UNIPROT INFORMATION

Molecular Weight	121.14
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/tris-base-usp/24111>