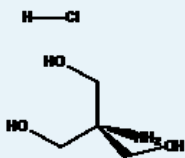


Tris-HCl

----- Biological Buffers

Product Name:	Tris HCl
Cat No:	ZB128
CAS#:	[1185-53-1]
Category:	Biological Buffers
Molecular Formula:	C ₄ H ₁₂ ClNO ₃
Formula Weight:	157.6
Structure:	
Purity:	>99%
Form:	White crystalline powder
Description:	
Synonyms:	2-Amino-2-hydroxymethyl-1,3-propanediol hydrochloride; Tris hydrochloride; Tris(hydroxymethyl) aminomethane hydrochloride; trizma hydrochloride; Tromethane hydrochloride;
Size:	8692001000100:100g; 8692002000500:500g; 8692003001000:1kg; 8692004025000:25kgs Bulk
Price:	EUR280.00/Kg

Description

This product is a Biotechnology Performance Certified product. It is tested for the absence of endotoxin use in cell culture (cytotoxicity), molecular biology (DNase, RNase, protease undetectable), and suitability in electrophoresis.

The pH of Tris hydrochloride in water is dependent on the concentration. The pH of a 0.1 M aqueous solution is approximately 4.7 while the pH of a 40% (w/w) aqueous solution is typically

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2.6-3.3. The buffering range of Tris buffers is typically pH 7.0-9.0 (at 25°C). Tris is also very stable; the powder can be dried at 100°C for up to 4 hours. However, in the presence of manganese salts, Tris buffers will form precipitates. In addition, certain electrodes don't give accurate pH readings when used with Tris buffers.

Solubility:

This product is soluble in water (667mg/ml).

Storage

RT

Powder: Ambient (15-30°C);

Shipped at RT



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