INTENDED FOR USE IN PHARMACEUTICAL GMP PROCESSES

Tris, commonly used as a buffer in biochemistry and molecular biology, stabilizes the pH of solutions in electrophoresis and other biological applications. It is also an enzyme inhibitor used in the biopharmaceutical industry and is commonly utilized in electrophromatography, UV analysis and HPLC applications. Tris is extensively used as a biological buffer or a component of buffer solutions. Tris can be used as a “Good’s” buffer because it has low UV absorptivity, minimal reactivity, stable pH and is soluble in water.

BIO PHARMA GRADE | Product Code: TRIS-4220 |Previously: TR4220

C₄H₁₁NO₃ • F.W. 121.14 g/mol •CAS# 77-86-1

These are general specifications. BioSpectra will customize our products to meet your quality based requirements.
General Product Description:

- The manufacturing of Tromethamine TRIS-4220 is performed at BioSpectra's Stroudsburg, PA facility and is conducted in a dedicated processing area using only dedicated equipment.
- Tromethamine is a White Crystalline product.
- Molecular Formula: \( C_4H_11NO_3 \)
- Molecular Weight: 121.14 g/mol.
- CAS Number: 77-86-1.
- There are no known major food allergens (as defined by FDA and WHO) in the manufacture of this product.
- BioSpectra certifies that all Tromethamine TRIS-4220 manufactured at BioSpectra and its raw materials are not derived from or come in contact with animal parts, products, and/or byproducts.
- Tromethamine manufactured at BioSpectra and any raw materials used in the manufacture of Tromethamine at BioSpectra are not subject to genetic modification.
- Synonyms: Tris, Tromethamine, Tris (hydroxymethyl) aminomethane.

GMP Compliance:

Bio Pharma Grade Tromethamine TRIS-4220 is suitable for use as a process chemical. It is manufactured in accordance with the IPEC-PQG Joint Good Manufacturing Practice Guide. This grade of Tromethamine is not suitable to be used as an Active Pharmaceutical Ingredient, Drug, Drug Product or Household Item.

Retest Date:

The recommended retest period for Tromethamine Hydrochloride is two years from the date of manufacture.

Storage and Shipping Conditions:

Ship and Store in ambient temperature.

Package Sizes:

10kg, 25kg and 50kg pails.