BIOBUFFER SOLUTIONS

QUALITY MANAGEMENT SYSTEM
MANUFACTURED
ISO CERTIFIED

TRIS
MEETS USP, EP

CAS #: 77-86-1 **Formula: $NH_2C(CH_2OH)_3$** **F.W.: 121.14 g/mol**

TRIS-6201   BIO QUALIFIED GRADE

ANALYSIS	SPECIFICATIONS
Appearance of Solution (EP)	Passes Test
Assay, Dried Basis (USP/EP)	99.0 – 100.5%
Chloride (EP)	< = 100 ppm
Identification, IR (USP-A/EP-C)	Conforms to Reference Standard
Identification A (EP), pH (5%) (USP/EP)	10.0 – 11.5
Identification B (USP)	Passes Test
Identification B (EP), Melting Range (USP)	168 – 172°C
Identification C (USP)	Passes Test
Identification D (EP)	Conforms to Reference Standard
Iron (EP)	< = 10 ppm
Loss on Drying (USP/EP)	< = 0.5%
Related Substances (EP)	< = 1.0%
Residue on Ignition/Sulfated Ash (USP/EP)	< = 0.1%

Industry Application

Suitable for use in biological and biotech chemical process applications from R&D through scale cGMP production.

Key Product Features

- Appears as a white, crystalline powder to needle like crystals
- GMP Manufactured in accordance with the QMS
- Manufactured in an enzyme free, hormone free and animal free environment
- Contains no known major food allergens (as defined by FDA and WHO)
- The final product and its raw materials are not derived from nor come into contact with animal parts, animal products, and/or animal byproducts or derivatives.
- Is not subject to genetic modification
- Synonyms: Trometamol; THAM; Tris (Hydroxyethyl) Aminomethane; Trisaminol; Trismethylolaminomethane; 2-Amino-2 (Hydroxymethyl) propane-1,2-diol; Tromethamine

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf-Life Policy

Please inquire for more information regarding shelf-life.

Package Sizes

1kg, 5kg, 10kg, 25kg, 50kg

General Product Overview

Tromethamine (Tris) is commonly used as a buffer and excipient in downstream biological applications during the manufacture of drug products. Tris is considered a Good's buffer because it has low UV absorptivity, minimal reactivity, stable pH and is soluble in water.

Click here to view SDS, CoAs and other supporting regulatory documents on our website.