

TRIS HYDROCHLORIDE

CAS #: 1185-53-1
Formula: $\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3 \cdot \text{HCl}$
F.W.: 157.60 g/mol
THCL-6201
BIO QUALIFIED GRADE

| ANALYSIS | | SPECIFICATIONS |
|----------------------|------------------|--------------------------------|
| Absorbance (1M) | 260 nm 280 nm | < = 0.06 a.u. < = 0.05 a.u. |
| Appearance and Color | | White Crystalline |
| Assay, Dried Basis | | 99.5 - 101.0% |
| Heavy Metal (Pb) | | < = 10 ppm |
| Identification, IR | | Conforms to Reference Standard |
| Melting Range | | 150 - 154 °C |
| pH (1.0%) | | 4.2 - 5.0 |
| Solubility (1.0M) | | Clear, Colorless Solution |
| Water, KF | | < = 0.5% |

General Product Overview

Tris Hydrochloride is a stabilizing buffer in biological applications such as electrochromatography, UV analysis and HPLC. It is used to adjust and stabilize the pH ranges for gels used in electrophoresis applications. Tris Hydrochloride is extensively used as a biological buffer or a component of buffer solutions.

[Click here to view SDS, CoAs and other supporting regulatory documents on our website.](#)

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 product
- 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: 2-Amino-2-(Hydroxymethyl)-1,3-Propanediol Hydrochloride; Tri(Hydroxymethyl) Aminomethane Hydrochloride.

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf-Life Policy

Please inquire for information regarding shelf-life.

Package Sizes

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

This is not considered a controlled document. We are not responsible for any errors or omissions, and the user is responsible for any decisions based on the information herein.