

## TRIS HYDROCHLORIDE HIGH ASSAY

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-5221**

**BIO ULTRA GRADE**

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

### Industry Application

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

### 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.

### Key Product Features

- Appears as a white crystalline product
- 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/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

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