

# TRIS (TROMETHAMINE)

## ACS

CAS #: 77-86-1

Formula:  $C_4H_{11}NO_3$

F.W.: 121.14 g/mol

**TRIS-5222**

**BIO ULTRA GRADE**

ANALYSIS		SPECIFICATIONS
Absorbance (40%)	290 nm	< = 0.2 a.u.
Appearance and Color		White Crystalline Powder
Assay, Dried Basis		99.8 - 100.1%
Heavy Metals (as Pb)		< = 5 ppm
Insoluble Matter		< = 0.005%
Iron (Fe)		< = 5 ppm
pH (5%)		10.0 - 11.5
Water, KF		< = 1.0%

### 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: Tris(hydroxymethyl) aminomethane; Trometamol; THAM; Trisaminol; Tromethamine

### 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

### Industry Application

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

### General Product Overview

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.](#)