

TRIS/TROMETHAMINE

ACS STANDARD REAGENT

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%
Chloride		≤ 2 ppm
Heavy Metals		≤ 5 ppm
Insoluble Matter		$\leq 0.005\%$
Iron (Fe)		≤ 5 ppm
Melting Range		168 – 172°C
pH (5%)		10.0 – 11.5
Solubility (40%)		Clear, Colorless Solution
Water, KF		$\leq 0.3\%$

Key Product Features

- Appears as a white crystalline powder
- 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

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.](#)