

# Global Tris (hydroxymethyl) Aminomethane Production, Demand and Key Producers, 2022-2028

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## Abstracts

Tris (hydroxymethyl) aminomethane (commonly referred to as Tris) is an organic compound with a molecular formula of  $C_4H_{11}NO_3$  and a CAS Number of 77-86-1. In the pharmaceutical industry, it is called tromethamine (THAM). It is a white crystal or powder. It is a chemical substance soluble in ethanol and water, slightly soluble in ethyl acetate and benzene, insoluble in ether and carbon tetrachloride, corrosive to copper and aluminum, and irritating. Tris is widely used in the preparation of buffers in biochemical and molecular biology experiments. Tris is a weak base with a  $pK_a$  of 8.1 at  $25^\circ C$ ; according to buffer theory, the effective buffering range of Tris buffer is between pH 7.0 and 9.2. The pH of the aqueous solution of Tris base is about 10.5. Generally, hydrochloric acid is added to adjust the pH value to the desired value, and then the buffer solution with the pH value can be obtained. For example, Tris is required in both TAE and TBE buffers (for solubilization of nucleic acids) commonly used in biochemical experiments. Since it contains amino groups, it can undergo condensation reactions with aldehydes. In addition, Tris is also an intermediate in the preparation of surfactants, vulcanization accelerators and some pharmaceuticals. Tris is also used as a titration standard.

This report studies the global Tris (hydroxymethyl) Aminomethane production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Tris (hydroxymethyl) Aminomethane, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Tris (hydroxymethyl) Aminomethane that contribute to its increasing demand across many markets.

The global Tris (hydroxymethyl) Aminomethane market size is expected to reach \$ 1424.6 million by 2028, rising at a market growth of 23.5% CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Tris (hydroxymethyl) Aminomethane total production and demand, 2017-2028, (MT)

Global Tris (hydroxymethyl) Aminomethane total production value, 2017-2028, (USD Million)

Global Tris (hydroxymethyl) Aminomethane production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (MT)

Global Tris (hydroxymethyl) Aminomethane consumption by region & country, CAGR, 2017-2028 & (MT)

U.S. VS China: Tris (hydroxymethyl) Aminomethane domestic production, consumption, key domestic manufacturers and share

Global Tris (hydroxymethyl) Aminomethane production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (MT)

Global Tris (hydroxymethyl) Aminomethane production by Type, production, value, CAGR, 2017-2028, (USD Million) & (MT)

Global Tris (hydroxymethyl) Aminomethane production by Application production, value, CAGR, 2017-2028, (USD Million) & (MT)

This reports profiles key players in the global Tris (hydroxymethyl) Aminomethane market based on the following parameters – headquarters, production locations, products portfolio, Tris (hydroxymethyl) Aminomethane revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Tris (hydroxymethyl) Aminomethane market

#### Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MT) and average price (US\$/MT) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

#### Global Tris (hydroxymethyl) Aminomethane Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

#### Global Tris (hydroxymethyl) Aminomethane Market, Segmentation by Type

Industrial Grade

Standard Grade

Ultra Pure Grade

#### Global Tris (hydroxymethyl) Aminomethane Market, Segmentation by Application

Biological Buffer

Pharmaceutical Intermediates

Others

Companies Profiled:

Suzhou Yacoo Science

ANGUS Chemical

Jiangsu Tianjiayi Chemical

Merck

Biosynth Carbosynth

Nacalai Tesque

Apollo Scientific

ITW Reagents

Tokyo Chemical Industry

Guangdong Guanghua Sci-Tech

Hunan Yunbang Bio-pharmaceutical

Yeasen Biotechnology (Shanghai)

Beyotime Biotechnology

Nanjing Search Biotech

Ranjeck Technology

Shangqiu Tengfei Biotechnology

Hubei New De Sheng Material Science and Technology

Changzhou Welton Chemical

Anhui Meisenbao Chemical

### Key Questions Answered

1. How big is the global Tris (hydroxymethyl) Aminomethane market?
2. What is the demand of the global Tris (hydroxymethyl) Aminomethane market?
3. What is the year over year growth of the global Tris (hydroxymethyl) Aminomethane market?
4. What is the production and production value of the global Tris (hydroxymethyl) Aminomethane market?
5. Who are the key producers in the global Tris (hydroxymethyl) Aminomethane market?
6. What are the growth factors driving the market demand?

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