

# Global Tetramethylguanidine Lactate Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Tetramethylguanidine Lactate market size was valued at US\$ 1.50 million in 2025 and is forecast to a readjusted size of US\$ 2.60 million by 2032 with a CAGR of 8.0% during review period.

Tetramethylguanidinium Lactate is a guanidinium-type lactate salt/ionic liquid formed from tetramethylguanidine and lactic acid, commonly sold under names such as Tetramethylguanidine Lactate, TMGL, or [TMG][Lac]. Tetramethylguanidinium lactate is primarily delivered in small-batch reagent or custom orders, with an estimated overall gross margin of 60%.

This compound represents a niche yet relatively active segment of guanidinium-based ionic liquids. The global market size is estimated at USD 1.46 million in 2025 and USD 1.59 million in 2026, with demand mainly from universities, research institutions, corporate R&D departments, and a limited number of pilot-scale customers. Publicly listed suppliers are concentrated in China, providing a stable supply base, but bulk industrial trade has not yet been established.

Growth is driven by three main directions: first, ongoing research on guanidinium ionic liquids in green solvents, catalysts, and functional reaction media; second, functional formulation validation in gas absorption, electrochemistry, metal processing, and phase-transfer media; third, applications as battery additives, industrial solvents, or ionic liquids for nanomaterials by some companies. Within the broader ionic liquid market, solvent and catalyst applications remain key.

Market expansion is constrained by the product's highly specialized applications, long

customer validation cycles, availability of alternative ionic liquids, and sensitivity of lactate salts to moisture, color, and batch consistency. Overall, this product is expected to maintain a “low-base, high-margin, project-driven” growth pattern, with supplier profitability concentrated on kilogram-scale custom and high-specification orders rather than ton-scale general sales.

This report is a detailed and comprehensive analysis for global Tetramethylguanidine Lactate market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Tetramethylguanidine Lactate market size and forecasts, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/kg), 2021-2032

Global Tetramethylguanidine Lactate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/kg), 2021-2032

Global Tetramethylguanidine Lactate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/kg), 2021-2032

Global Tetramethylguanidine Lactate market shares of main players, shipments in revenue (\$ Million), sales quantity (kg), and ASP (US\$/kg), 2021-2026

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Tetramethylguanidine Lactate

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Tetramethylguanidine Lactate market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ionike, Sinochem Nanjing, Henan VTX Chemical, Zhengzhou Alfa Chemical, Zhengzhou Acme Chemical, JACS, Shanghai Yingyicheng Biotechnology, Alfa Chemistry, CHEMFISH TOKYO, Hunan Chemfish Scientific, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### Market Segmentation

Tetramethylguanidine Lactate market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

?98.0%

98.0–98.9%

99.0–99.4%

?99.5%

### Market segment by Supply Form

Neat Liquid

Neat Solid

Prepared Solution

Others

### Market segment by Application

Ionic Liquid Products

Catalyst Systems

Functional Solutions

Research Chemicals

Others

### Major players covered

Ionike

Sinochem Nanjing

Henan VTX Chemical

Zhengzhou Alfa Chemical

Zhengzhou Acme Chemical

JACS

Shanghai Yingyicheng Biotechnology

Alfa Chemistry

CHEMFISH TOKYO

Hunan Chemfish Scientific

Beijing Huawei Ruike Chemical

JinJin Le Chemical

Wuhan Kamik Technology

Zhengzhou Deyuankai Chemical

Shandong Benrite New Chemical Materials

Nanxing Chemical

Henan Lavoisi Chemical

Anhui Liwei Chemical

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Tetramethylguanidine Lactate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Tetramethylguanidine Lactate, with price, sales quantity, revenue, and global market share of Tetramethylguanidine Lactate from 2021 to 2026.

Chapter 3, the Tetramethylguanidine Lactate competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Tetramethylguanidine Lactate breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Tetramethylguanidine Lactate market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Tetramethylguanidine Lactate.

Chapter 14 and 15, to describe Tetramethylguanidine Lactate sales channel, distributors, customers, research findings and conclusion.

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