

Global Vanadium Citrate Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Vanadium Citrate market size is expected to reach \$ million by 2032, rising at a market growth of %CAGR during the forecast period (2026-2032).

Vanadium Citrate is a vanadium organic acid complex formed by coordination between vanadium ions and citrate ligands. In practical use, it usually refers to water-soluble or dispersible vanadium-citrate complexes, including vanadyl citrate and related vanadium citrate salts. The product is valued mainly as an organo-vanadium source because citrate can improve aqueous compatibility, chelation stability and handling compared with some inorganic vanadium salts.

In 2025, global sales of Vanadium Citrate reached approximately 205 tons, with an average global market price of around US\$ 51/kg. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 20% to 50%.

Vanadium Citrate is a niche specialty vanadium compound. Demand is mainly supported by three areas: research and analytical chemistry, vanadium-based material precursors, and limited nutritional ingredient or mineral premix applications. Because citrate coordination improves aqueous compatibility, chelation stability and formulation flexibility, the unit price is materially higher than that of many inorganic vanadium salts. However, downstream procurement is usually in gram, kilogram or small-tonnage batches, so the total market remains structurally small.

The main growth drivers are the expansion of materials chemistry, energy materials, catalyst precursor development and organometallic research. Vanadium-based materials continue to attract attention in energy storage, catalysis, thermochromic

materials and functional coatings, which gives mild and dispersible organic vanadium sources such as Vanadium Citrate some incremental demand. In addition, Health Canada lists vanadium citrate as a source ingredient for vanadium in natural health products, indicating that there is still a limited regulatory basis in certain nutritional markets. Nevertheless, this application should be treated cautiously and should not be described as a broadly approved mass-market mineral fortifier.

The main constraints are regulation, toxicological uncertainty and substitution risk. EFSA issued an unfavourable opinion on several vanadium-containing nutrient sources, including vanadium citrate, and concluded that their safe use in foods and food supplements could not be established. This limits the product's growth potential in the European nutritional supplement market. In industrial and research applications, Vanadium Citrate is also not irreplaceable; vanadyl sulfate, ammonium metavanadate, sodium metavanadate, vanadium pentoxide and other organic vanadium complexes can all serve as alternative vanadium sources depending on the process.

This report studies the global Vanadium Citrate production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vanadium Citrate and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Vanadium Citrate that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Vanadium Citrate total production and demand, 2021-2032, (Tons)

Global Vanadium Citrate total production value, 2021-2032, (USD Million)

Global Vanadium Citrate production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Vanadium Citrate consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Vanadium Citrate domestic production, consumption, key domestic manufacturers and share

Global Vanadium Citrate production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Vanadium Citrate production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Vanadium Citrate production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Vanadium Citrate market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sami-Sabinsa Group, Muby Chemicals, Nutrisol Solutions, ShanPar Industries, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Vanadium Citrate market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Vanadium Citrate Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Vanadium Citrate Market, Segmentation by Type:

Purity ? 99%

Purity ? 99%

Global Vanadium Citrate Market, Segmentation by Vanadium Oxidation State:

Vanadium(III) Citrate Complex

Vanadyl(IV) Citrate Complex

Vanadium(V) Citrate Complex

Global Vanadium Citrate Market, Segmentation by Physical Form:

Powder

Solution

Global Vanadium Citrate Market, Segmentation by Application:

Dietary Supplements

Chemical Industry

Other

Companies Profiled:

Sami-Sabinsa Group

Muby Chemicals

Nutrisol Solutions

ShanPar Industries

Key Questions Answered:

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

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