

## **Global Serine Sales Market Report 2018**

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## **Abstracts**

This report studies the global Serine market status and forecast, categorizes the global Serine market size (value & volume) by key players, type, application, and region. This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

Serine is an amino acid with the formula HO2CCH(NH2)CH2OH. It is one of the protein genic amino acids. It contains L-Serine, D- Serine and DL- Serine three types. Serine is a non-essential amino acid in humans (synthesized by the body), Serine is present and functionally important in many proteins. With an alcohol group, serine is needed for the metabolism of fats, fatty acids, and cell membranes; muscle growth; and a healthy immune system. It also plays a major role in pyrimidine, purine, creatine, and porphyrin biosynthetic pathways. Serine is also found at the active site of the serine protease enzyme class that includes trypsin and chymotrypsin.

In consumption market, the global sales value increases with the 7.38% average growth rate. North America, Europe and China are the mainly consumption regions due to the bigger demand of downstream applications.

Serine has three types, which include L-serine, D-serine and DL-serine. And each type has application industries relatively. With nutrition effect of serine, the downstream application industries will need more serine products. So, serine has a huge market potential in the future. Manufacturers engaged in the industry are trying to produce high purity and good performance serine through improving technology.

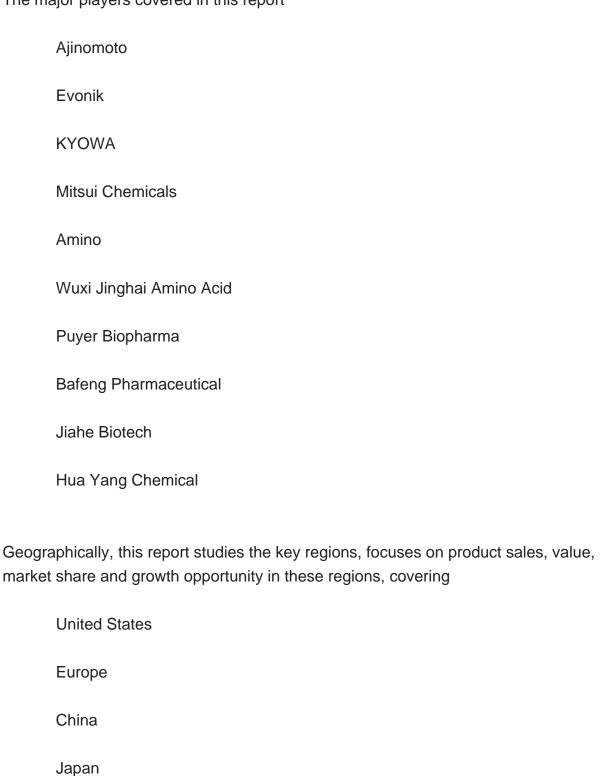
The major raw materials for serine are glycine and formaldehyde, etc. Fluctuations in the price of the upstream product will impact on the production cost of serine, and then impact the price of serine. The production cast of serine is also an important factor which could impact the price of serine. The serine manufacturers are trying to reduce production cost by developing production method.

We tend to believe this industry is a rising industry, and the consumption increasing degree will show a smooth growth curve. And the price presents decreasing trend



according to the economy development status and international competition. Also, there will be decreasing trend in gross margin.

The global Serine market is valued at 660 million US\$ in 2017 and will reach 920 million US\$ by the end of 2025, growing at a CAGR of 4.2% during 2018-2025. The major players covered in this report

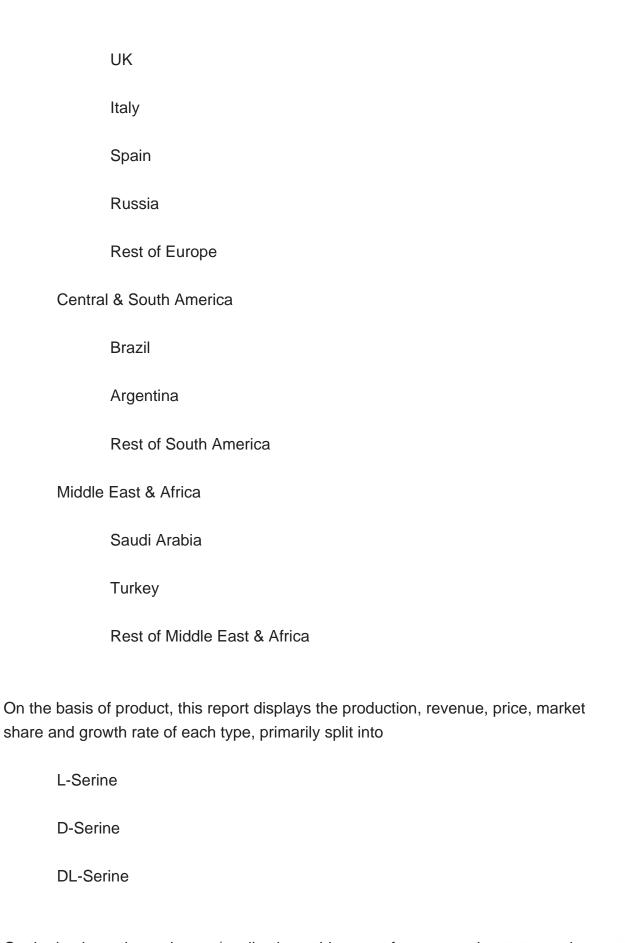




Southeast Asia
India
Ve can also provide the customized separate regional or country-level reports, for the bllowing regions:
North America
United States
Canada
Mexico
Asia-Pacific
China
India
Japan
South Korea
Australia
Indonesia
Singapore
Rest of Asia-Pacific
Europe
Germany

France





On the basis on the end users/applications, this report focuses on the status and



outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Pharmaceutical Industry

Food Industry

Cosmetics Industry

Others

The study objectives of this report are:

To analyze and study the global Serine sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Serine players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market



To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Serine are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

**Key Stakeholders** 

Serine Manufacturers

Serine Distributors/Traders/Wholesalers

Serine Subcomponent Manufacturers

**Industry Association** 

**Downstream Vendors** 

**Available Customizations** 

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Serine market, by end-use.

Detailed analysis and profiles of additional market players.



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