

Chemical Synthesis L-carnitine Market, Global Outlook and Forecast 2022-2028

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Abstracts

The most commonly used chemical synthesis process for manufacturing L-Carnitine is chemical multistep racemization that generates a racemic mixture with D-carnitine as its byproduct. Chemical synthesis involves a two-step process. First being, the formation of hydroxyl-activated (S)-3- hydroxybutyrolactone (a methane sulfonate), followed by conversion of hydroxyl activated (S)-3- hydroxybutyrolactone to L-Carnitine by reaction with trimethylamine in water.

This report contains market size and forecasts of Chemical Synthesis L-carnitine in global, including the following market information:

Global Chemical Synthesis L-carnitine Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Chemical Synthesis L-carnitine Market Sales, 2017-2022, 2023-2028, (Tons)

Global top five Chemical Synthesis L-carnitine companies in 2021 (%)

The global Chemical Synthesis L-carnitine market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Food Grade Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Chemical Synthesis L-carnitine include Chengda

Pharmaceutical, Maxsun Industries Incorporated, Alpsure Lifesciences Pvt. Ltd, HuangGangHuaYang Pharmaceutical, KaiyuanHengtai Nutrition, Lonza Group Ltd, Northeast Pharmaceutical, Cayman Chemical and MERCK KGaA, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Chemical Synthesis L-carnitine manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Chemical Synthesis L-carnitine Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Chemical Synthesis L-carnitine Market Segment Percentages, by Type, 2021 (%)

Food Grade

Pharmaceutical Grade

Feed Grade

Global Chemical Synthesis L-carnitine Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tons)

Global Chemical Synthesis L-carnitine Market Segment Percentages, by Application, 2021 (%)

Animal Feed

Healthcare Products

Functional Drinks

Medicines

Others

Global Chemical Synthesis L-carnitine Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Tons)

Global Chemical Synthesis L-carnitine Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Chemical Synthesis L-carnitine revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Chemical Synthesis L-carnitine revenues share in global market, 2021

(%)

Key companies Chemical Synthesis L-carnitine sales in global market, 2017-2022
(Estimated), (Tons)

Key companies Chemical Synthesis L-carnitine sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Chengda Pharmaceutical

Maxsun Industries Incorporated

Alpsure Lifesciences Pvt. Ltd

HuangGangHuaYang Pharmaceutical

KaiyuanHengtai Nutrition

Lonza Group Ltd

Northeast Pharmaceutical

Cayman Chemical

MERCK KGaA

Biosint S.p.A.

Koncepnutra

AIDP

Hongjing Chemical

KangXin Chemical

Kangjian Chemical

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