

# **?-Caryophyllene Market, Global Outlook and Forecast 2022-2028**

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## **Abstracts**

?-caryophyllene, is a naturally occurring monocyclic sesquiterpene (C<sub>15</sub>H<sub>24</sub>), containing an 11-membered ring and consisting of 3 isoprene units containing three nonconjugated C=C double bonds, two of them being triply substituted and one being doubly substituted. It was first found in the essential oils of *Humulus lupulus* (hops), from which it derives its name. Humulene is an isomer of ?-caryophyllene, and the two are often found together as a mixture in many aromatic plants. Humulene, also known as ?-caryophyllene, is a ring-opened isomer of ?-caryophyllene, which is notably lacking in CB<sub>2</sub> activity. Nonetheless, it also possesses powerful anti-inflammatory activity equal to dexamethasone in an animal model

This report contains market size and forecasts of ?-Caryophyllene in global, including the following market information:

Global ?-Caryophyllene Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global ?-Caryophyllene Market Sales, 2017-2022, 2023-2028, (Kgs)

Global top five ?-Caryophyllene companies in 2021 (%)

The global ?-Caryophyllene market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

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

More Than 96% Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of  $\Delta^9$ -Caryophyllene include Sigma-Aldrich, TCI Chemical, Cayman Chemical, TRC, BioCrick, ChemFaces, MedKoo, AK Scientific and AvaChem, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the  $\Delta^9$ -Caryophyllene 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  $\Delta^9$ -Caryophyllene Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kgs)

Global  $\Delta^9$ -Caryophyllene Market Segment Percentages, by Type, 2021 (%)

More Than 96%

More Than 97%

More Than 98%

Others

Global  $\Delta^9$ -Caryophyllene Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kgs)

Global  $\Delta^9$ -Caryophyllene Market Segment Percentages, by Application, 2021 (%)

Experimental Research

Biomedicine

Others

Global  $\Delta^9$ -Caryophyllene Market, By Region and Country, 2017-2022, 2023-2028 (\$

Millions) & (Kgs)

Global ?-Caryophyllene 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 ?-Caryophyllene revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies ?-Caryophyllene revenues share in global market, 2021 (%)

Key companies ?-Caryophyllene sales in global market, 2017-2022 (Estimated), (Kgs)

Key companies ?-Caryophyllene sales share in global market, 2021 (%)

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

Sigma-Aldrich

TCI Chemical

Cayman Chemical

TRC

BioCrick

ChemFaces

MedKoo

AK Scientific

AvaChem

Biosynth Carbosynth

Chem-Impex

ABSTRAX

Spectrum Chemical

Chengdu Biopurify Phytochemicals

MedChemExpress

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