

# Global MO (Metal Organic) Source Market Research Report 2022 Professional Edition

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## Abstracts

The global MO (Metal Organic) Source market was valued at 115.49 Million USD in 2021 and will grow with a CAGR of 13.29% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Metal Organic (MO) source also known as high-purity metal organic compound, is a class of chemical compounds that contain metals and organic ligands, which confer solubility in organic solvents or volatility. MO source is a key raw material for producing semiconductor microstructure materials by use of MOVCD technology. Widely used in the production of LEDs, solar cells as well as other applications. Global MO (Metal Organic) Source manufacturers are mostly centered in China, Korea and Japan. Due to high technical barriers, the whole MO (Metal Organic) source industry is now in oligopoly and monopolistic competition. China was the leading producer of MO (Metal Organic) source, accounting for more than 37.83% of global production. According to classification, major MO Sources are trimethylgallium, trimethylindium, triethylgallium and trimethylaluminium, these kinds of MO sources, especially trimethylgallium accounts for more than 80% of the global market share in 2018. In terms of application, MO (Metal Organic) source can be used in the production of LED, solar cell, phase change memory and semiconductor laser. LED is the main application in the market, accounting for around 90% of the total consumption in 2018.

**By Market Verdors:**

Nata Opto-electronic

SAFC Hitech

AkzoNobel (Nouryon)

Jiang Xi Jia Yin Opt-Electronic

Albemarle

Chemtura

Sumitomo Chemical

Ube Industries

Lake Materials

ARGOSUN MO

Suzhou Pure Opto-Electronic

Entegris, Inc

**By Types:**

Trimethylgallium (TMGa)

Triethylgallium (TEGa)

Trimethylindium (TMIn)

Trimethylaluminium (TMAI)

**By Applications:**

LED Industry

Solar Cell

Phase Change Memory

Semiconductor Laser

Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its

impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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