

# Global Formate Dehydrogenase Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Formate Dehydrogenase market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Formate dehydrogenase is an enzyme that catalyzes the oxidation of formate. Formic acid is an organic compound with the chemical formula  $\text{HCOOH}$ . Formate dehydrogenase works by removing the hydrogen atoms of formic acid, oxidizing it to carbon dioxide ( $\text{CO}_2$ ) and the reduced coenzyme NADH or NADPH. The electrons released during this process can be used in energy production or other metabolic pathways within the cell.

Formate dehydrogenase is found in many organisms, including bacteria, eukaryotes, and some archaea. It is frequently involved in the formate metabolic pathway and energy production during anaerobic respiration in bacteria. In eukaryotes, Formate dehydrogenase may be involved in some important metabolic pathways, such as decarboxylation, formic acid metabolism and denitrification processes.

This enzyme also has a wide range of applications in research. For example, in industry, Formate dehydrogenase could be used to produce organic compounds or biocatalysts for energy conversion. Additionally, it is used as a research tool in areas such as biosensors and biofuel cells.

This report studies the global Formate Dehydrogenase production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Formate Dehydrogenase, and provides market size (US\$ million) and Year-over-Year (YoY)

Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Formate Dehydrogenase that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Formate Dehydrogenase total production and demand, 2018-2029, (Tons)

Global Formate Dehydrogenase total production value, 2018-2029, (USD Million)

Global Formate Dehydrogenase production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Formate Dehydrogenase consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Formate Dehydrogenase domestic production, consumption, key domestic manufacturers and share

Global Formate Dehydrogenase production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Formate Dehydrogenase production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Formate Dehydrogenase production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Formate Dehydrogenase 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 Roche, Sigma-Aldrich (Merck), Megazyme, Creative Enzymes, Prozomix, ChemScence, Creative Biogene, Neogen and Molecular Depot, 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 Formate Dehydrogenase market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Formate Dehydrogenase Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Formate Dehydrogenase Market, Segmentation by Type

Suspension

Powder

Global Formate Dehydrogenase Market, Segmentation by Application

Pharmaceutical

Bio-Catalyst

Biofuel Cell

Others

#### Companies Profiled:

Roche

Sigma-Aldrich (Merck)

Megazyme

Creative Enzymes

Prozomix

ChemScence

Creative Biogene

Neogen

Molecular Depot

LIBIOS

SyncoZymes

Hubei Ju Sheng Technology

#### Key Questions Answered

1. How big is the global Formate Dehydrogenase market?

2. What is the demand of the global Formate Dehydrogenase market?
3. What is the year over year growth of the global Formate Dehydrogenase market?
4. What is the production and production value of the global Formate Dehydrogenase market?
5. Who are the key producers in the global Formate Dehydrogenase market?

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