

Global Biocatalysis CDMO Services Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Biocatalysis CDMO Services market size was valued at US\$ 2367 million in 2025 and is forecast to a readjusted size of US\$ 3536 million by 2032 with a CAGR of 6.1% during review period.

Biocatalysis CDMO Services refer to contract development and manufacturing services that utilize enzymes, engineered microorganisms, or whole-cell biocatalysts to develop, optimize, scale up, and manufacture pharmaceutical intermediates, active pharmaceutical ingredients (APIs), fine chemicals, agrochemicals, food ingredients, and specialty chemicals through highly selective, environmentally sustainable, and cost-efficient biocatalytic processes.

The Biocatalysis CDMO Services industry chain begins with upstream suppliers of enzymes, microbial strains, genetic engineering tools, fermentation media, bioreactors, chromatography materials, analytical instruments, and laboratory consumables, continues through midstream contract research, enzyme engineering, strain optimization, process development, fermentation, purification, analytical testing, regulatory support, pilot production, technology transfer, and commercial manufacturing by specialized CDMOs, and extends downstream to pharmaceutical, biotechnology, fine chemical, agrochemical, food ingredient, cosmetic, and industrial biotechnology companies seeking cost-effective, sustainable, highly selective, and scalable manufacturing solutions for commercial products and innovative molecular development.

Projects under construction and planned in the Biocatalysis CDMO Services market include GMP biocatalysis manufacturing facilities, commercial-scale enzyme

fermentation plants, microbial strain engineering centers, continuous bioprocessing production lines, high-throughput enzyme screening laboratories, pilot-scale biomanufacturing facilities, integrated CDMO campuses, digital bioprocess automation systems, biologics and small-molecule manufacturing expansions, and sustainable green chemistry production platforms across North America, Europe, and Asia-Pacific to address growing outsourcing demand from pharmaceutical, biotechnology, specialty chemical, food ingredient, and industrial biotechnology sectors requiring high-performance biocatalytic manufacturing capabilities.

2025 Global Market Average Gross Profit Margin: 36%.

This report is a detailed and comprehensive analysis for global Biocatalysis CDMO Services market. Both quantitative and qualitative analyses are presented by company, by region & country, by Biocatalyst Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Biocatalysis CDMO Services market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Biocatalysis CDMO Services market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Biocatalysis CDMO Services market size and forecasts, by Biocatalyst Type and by Application, in consumption value (\$ Million), 2021-2032

Global Biocatalysis CDMO Services market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Biocatalysis CDMO Services

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Biocatalysis CDMO Services market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cambrex, Ajinomoto Bio-Pharma Services, Sterling Pharma Solutions, Almac Sciences, Johnson Matthey, Codexis, Prozomix, c-LEcta / Kerry Biotechnology Centre, EnginZyme, BRAIN Biotech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Biocatalysis CDMO Services market is split by Biocatalyst Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Biocatalyst Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Biocatalyst Type

Enzyme Catalysis

Whole Cell Catalysis

Immobilized Enzyme Catalysis

Microbial Biocatalysis

Others

Market segment by Development Stage

Research Services

Preclinical Manufacturing

Clinical Manufacturing

Commercial Manufacturing

Others

Market segment by Application

Food and Beverage

Dietary Supplement

Pharmaceutical

Infant Formula

Others

Market segment by players, this report covers

Cambrex

Ajinomoto Bio-Pharma Services

Sterling Pharma Solutions

Almac Sciences

Johnson Matthey

Codexis

Prozomix

c-LEcta / Kerry Biotechnology Centre

EnginZyme

BRAIN Biotech

Amano Enzyme

Shanghai Haoyuan Chemexpress Co. Ltd

Zhejiang Jiuzhou Pharmaceutical Co., Ltd

Bellen Chemistry

PORTON

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Biocatalysis CDMO Services product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Biocatalysis CDMO Services, with revenue, gross margin, and global market share of Biocatalysis CDMO Services from 2021 to 2026.

Chapter 3, the Biocatalysis CDMO Services competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Biocatalyst Type and by Application, with consumption value and growth rate by Biocatalyst Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Biocatalysis CDMO Services market forecast, by regions, by Biocatalyst Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Biocatalysis CDMO Services.

Chapter 13, to describe Biocatalysis CDMO Services research findings and conclusion.

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