

# Global Biocatalysis CDMO Services Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Biocatalysis CDMO Services market size is expected to reach \$ 3536 million by 2032, rising at a market growth of 6.1% CAGR during the forecast period (2026-2032).

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 studies the global Biocatalysis CDMO Services demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biocatalysis CDMO Services, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Biocatalysis CDMO Services that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Biocatalysis CDMO Services total market, 2021-2032, (USD Million)

Global Biocatalysis CDMO Services total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Biocatalysis CDMO Services total market, key domestic companies, and share, (USD Million)

Global Biocatalysis CDMO Services revenue by player, revenue and market share 2021-2026, (USD Million)

Global Biocatalysis CDMO Services total market by Biocatalyst Type, CAGR, 2021-2032, (USD Million)

Global Biocatalysis CDMO Services total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Biocatalysis CDMO Services market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Biocatalyst Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Biocatalysis CDMO Services Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Biocatalysis CDMO Services Market, Segmentation by Biocatalyst Type:

Enzyme Catalysis

Whole Cell Catalysis

Immobilized Enzyme Catalysis

Microbial Biocatalysis

Others

#### Global Biocatalysis CDMO Services Market, Segmentation by Development Stage:

Research Services

Preclinical Manufacturing

Clinical Manufacturing

Commercial Manufacturing

Others

#### Global Biocatalysis CDMO Services Market, Segmentation by Application:

Food and Beverage

Dietary Supplement

Pharmaceutical

Infant Formula

Others

#### Companies Profiled:

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

### Key Questions Answered

1. How big is the global Biocatalysis CDMO Services market?
2. What is the demand of the global Biocatalysis CDMO Services market?
3. What is the year over year growth of the global Biocatalysis CDMO Services market?
4. What is the total value of the global Biocatalysis CDMO Services market?
5. Who are the Major Players in the global Biocatalysis CDMO Services market?
6. What are the growth factors driving the market demand?

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