Global Bio-Succinic Acid Market: Analysis By Process Type (Ammonium Sulphate Process, Direct Crystallization Process, and Electrodialysis Process), By Application (1, 4-Butanediol, Plasticizers, Polyester Polyols, Polybutylene Succinate, Solvents & Coatings, and Others), By End-User (Industrial, Pharmaceuticals, Food & Beverages, Personal Care & Cosmetics and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2030

March 2025

Daedal Research

Global Bio-Succinic Acid Market: Coverage

- Executive Summary and Scope
- Introduction/Market Overview
- Global Market Analysis
- Regional Market Analysis
- Impact Of COVID 19
- Dynamics
- Competitive Landscape
- Company Profiling

Global Bio-Succinic Acid Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Bio-Succinic Acid Market: Analysis By Process Type (Ammonium Sulphate Process, Direct Crystallization Process, and Electrodialysis Process), By Application (1, 4-Butanediol, Plasticizers, Polyester Polyols, Polybutylene Succinate, Solvents & Coatings, and Others), By End-User (Industrial, Pharmaceuticals, Food & Beverages, Personal Care & Cosmetics and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2030
Coverage	Global and Regional
Regional Coverage	North America, Europe, Asia Pacific, and Rest of the World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2025-2030
Competition in the Market	Concentrated
Key Players	BASF SE, DSM-Firmenich AG, Roquette Freres SA, Mitsui & Co., Ltd., Mitsubishi Chemical Group Corporation, PTT Global Chemical Public Company Limited (PTTGC), Nippon Shokubai Co., Ltd, Dow Inc., Corbion N.V., Air Water Inc. (Air Water Performance Chemical Inc.), LCY Chemical Corp., and Wego Chemical Group

Global Bio-Succinic Acid Market: Coverage

Executive Summary

Bio-succinic acid is a renewable, plant-based alternative to petroleum-derived succinic acid, produced through fermentation of plant sugars. It is used in various industries such as bioplastics, pharmaceuticals, food, and personal care products, offering an eco-friendly solution to replace petrochemical-based chemicals. The global bio-succinic acid market in 2024 was valued at US$147.67 million. The market value is expected to reach US$311.39 million by 2030, growing at a CAGR of 13.24% during the forecast period of 2025-2030.

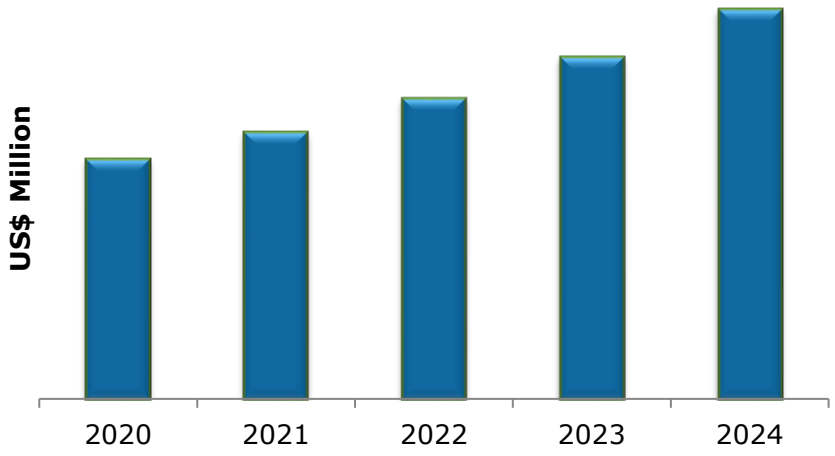
The global bio-succinic acid market can be segmented based on based on the process type (Ammonium Sulphate Process, Direct Crystallization Process, and Electrodialysis Process); application (1, 4-Butanediol, Plasticizers, Polyester Polyols, Polybutylene Succinate, Solvents & Coatings, and Others); and end user (Industrial, Pharmaceuticals, Food & Beverages, Personal Care & Cosmetics and Others). Ammonium sulphate process segment held the major share in 2024, due to its cost-effectiveness, scalability, and ability to produce high-purity bio-succinic acid using affordable raw materials. Europe is leading global bio-succinic acid market by occupying majority of the market share.

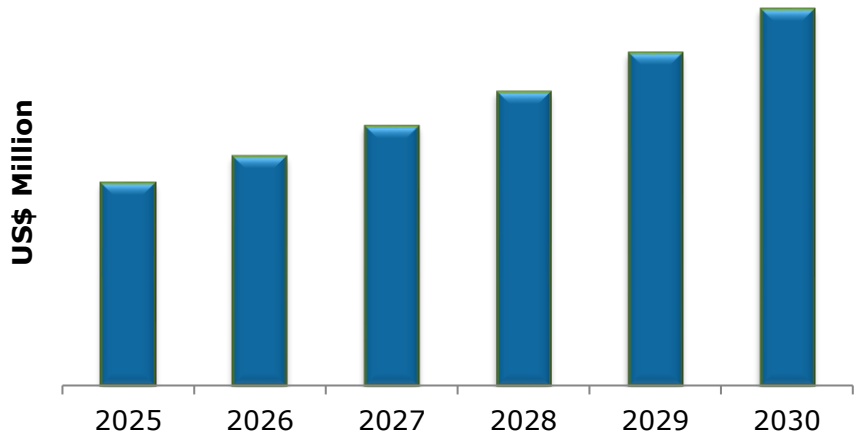
The COVID-19 pandemic initially disrupted the global bio-succinic acid market due to supply chain interruptions, raw material shortages, and temporary factory shutdowns. Demand from industries like bioplastics and coatings declined as production slowed. However, the pandemic also highlighted the need for sustainable, eco-friendly materials, driving renewed interest in bio-succinic acid. Post-pandemic, the market has recovered with increased focus on sustainability and green chemistry, leading to growth in demand for biodegradable plastics and eco-friendly products.

The global bio-succinic acid market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2025-2030), the market would further augment at an escalating growth rate. The global market growth is predicted to be supported by numerous growth drivers such as accelerating demand for bio-based plastics and polymers, growing application in food additives, government regulations and policies favoring bio-based products, rising integration with renewable energy sources, and many other factors. Conversely, the market growth would be negatively impacted by various challenges such as high production costs compared to petroleum-based alternatives, limited availability of cost-effective feedstocks, etc. Moreover, the market growth would succeed in various market trends like expanding applications in pharmaceuticals, technological advancements in the production processes, adoption of circular economy models, e

Bio-Succinic Acid Market: Global Analysis

Global Bio-Succinic Acid Market by Value





CAGR	
2020-2024	xx%
2025-2030	xx%

Global bio-succinic acid market was valued at US$... billion in 2024 and is anticipated to reach up to US$... billion by 2030 from US$... billion in 2025, with a CAGR of xx%.

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Bio-Succinic Acid Market: Global Analysis

Global Bio-Succinic Acid Market by Process Type; 2024

Process Type	Share
Ammonium Sulphate Process	xx%
Direct Crystallization Process	xx%
Electrodialysis Process	xx%

Global Bio-Succinic Acid Market by Application; 2024

Application	Share
1, 4-Butanediol	xx%
Polyester Polyols	xx%
Plasticizers	xx%
Polybutylene Succinate	xx%
Solvents & Coatings	xx%
Others	xx%

Bio-Succinic Acid Market: Global Analysis

Global Bio-Succinic Acid Market by End User; 2024

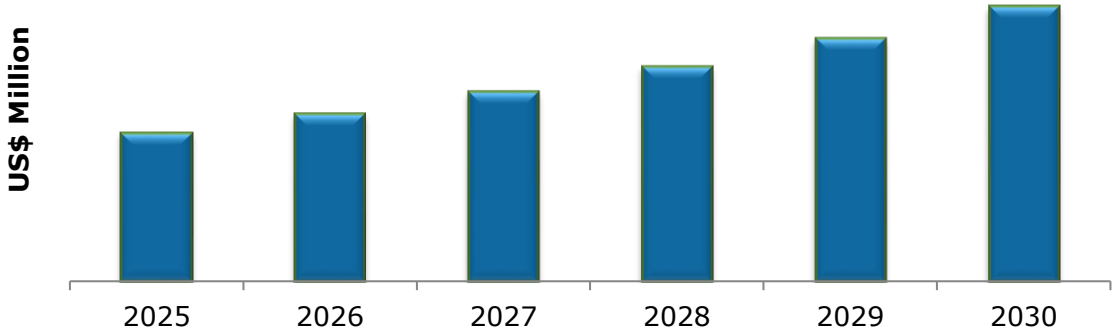
End User	Share
Industrial	xx%
Food & Beverages	xx%
Pharmaceuticals	xx%
Personal Care & Cosmetics	xx%
Others	xx%

Global Bio-Succinic Acid Market by Region; 2024

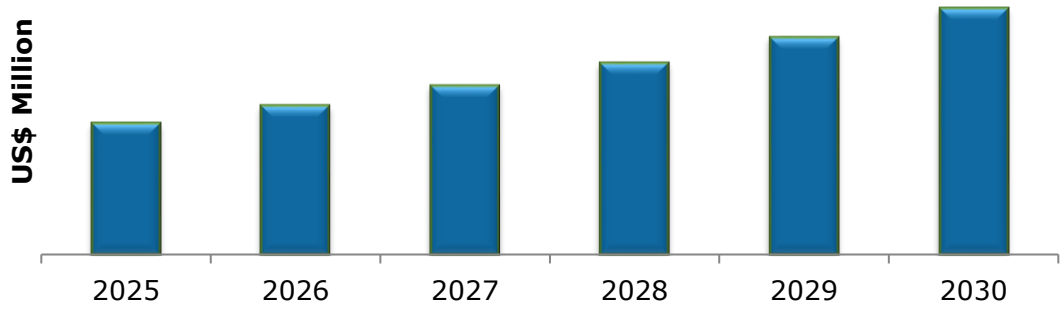
Region	Share
Europe	xx%
North America	xx%
Asia Pacific	xx%
Rest of the World	xx%

Bio-Succinic Acid Market: Process Type Analysis

Global Ammonium Sulphate Process Bio-Succinic Acid Market by Value



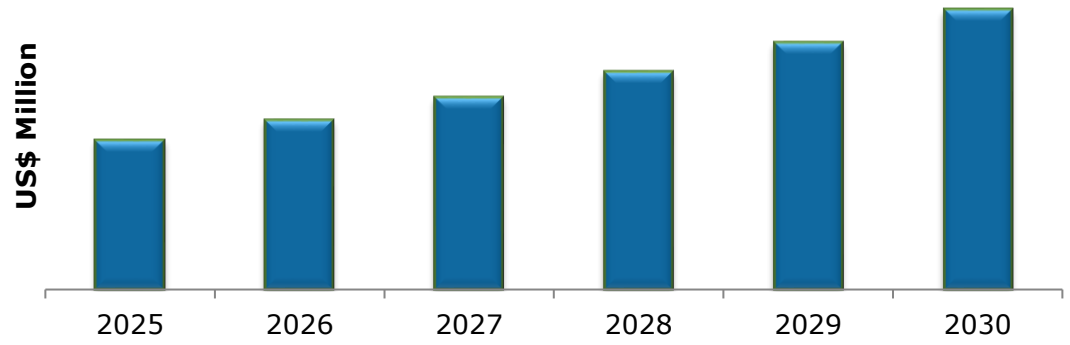
Global Bio-Succinic Acid Hardware Market by Value



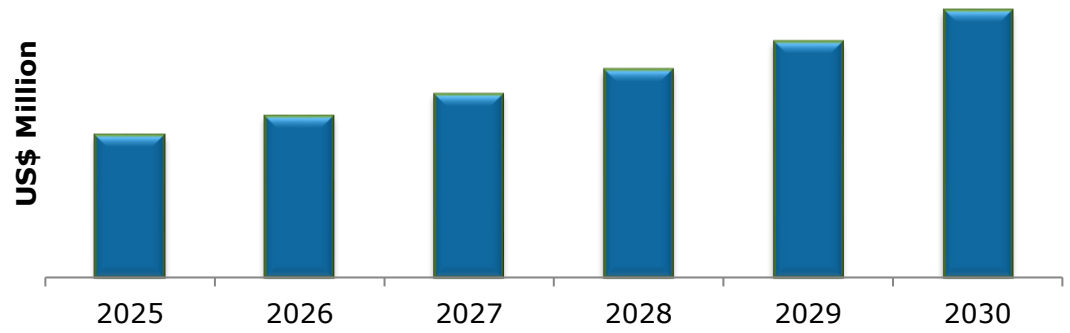
Process Type	CAGR (2025-2030)
Ammonium Sulphate Process	xx%
Direct Crystallization Process	xx%
Electrodialysis Process	xx%

Bio-Succinic Acid Market: Application Analysis

Global 1, 4-Butanediol Bio-Succinic Acid Market by Value



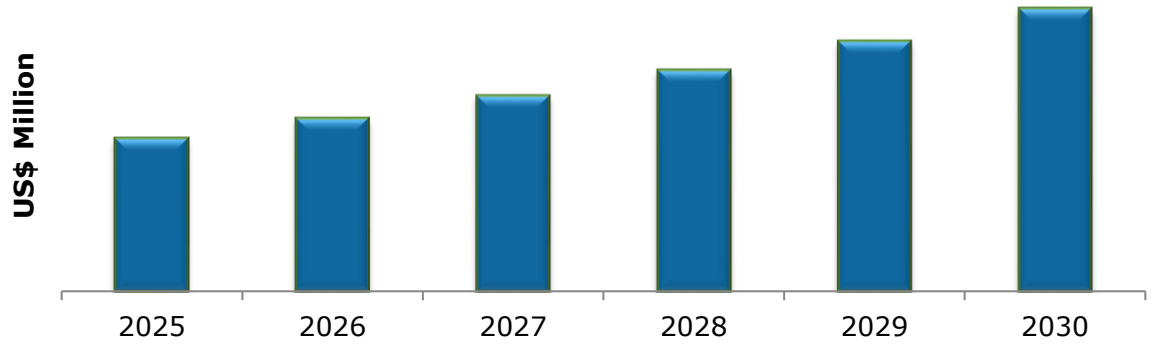
Global Bio-Succinic Acid Transmission Market by Value



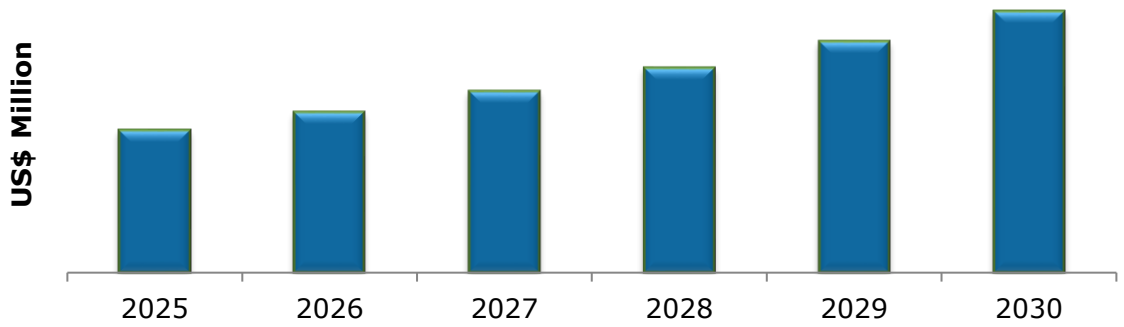
Application	CAGR (2025-2030)
1, 4-Butanediol	xx%
Polyester Polyols	xx%
Plasticizers	xx%
Polybutylene Succinate	xx%
Solvents & Coatings	xx%
Others	xx%

Bio-Succinic Acid Market: End User Analysis

Global Automotive Bio-Succinic Acid Market By Value



Global Food & Beverages Bio-Succinic Acid Market by Value



End User	CAGR (2025-2030)
Industrial	xx%
Food & Beverages	xx%
Pharmaceuticals	xx%
Personal Care & Cosmetics	xx%
Others	xx%

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Europe Bio-Succinic Acid Market: An Analysis

Europe Bio-Succinic Acid Market by Region; 2024

Region	Share (2024)	CAGR (2025-2030)
Germany	xx%	xx%
France	xx%	xx%
UK	xx%	xx%
Italy	xx%	xx%
Spain	xx%	xx%
Rest of Europe	xx%	xx%

North America Bio-Succinic Acid Market: An Analysis

North America Bio-Succinic Acid Market by Region; 2024

Region	Share (2024)	CAGR (2025-2030)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

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Asia Pacific Bio-Succinic Acid Market: An Analysis

Asia Pacific Bio-Succinic Acid Market by Region; 2024

Region	Share (2024)	CAGR (2025-2030)
China	xx%	xx%
Japan	xx%	xx%
India	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%

Global Bio-Succinic Acid Market: Dynamics

Growth Driver

- Accelerating Demand for Bio-based Plastics and Polymers
- Government Regulations and Policies Favoring Bio-based Products

Challenges

- High Production Costs Compared to Petroleum-Based Alternatives
- Limited Availability of Cost-Effective Feedstocks

Market Trends

- Expanding Applications in Pharmaceuticals
- Technological Advancements in the Production Processes

Global Bio-Succinic Acid Market: Competitive Landscape

Players Profiled

- BASF SE
- DSM-Firmenich AG
- Roquette Freres SA
- Mitsui & Co., Ltd.
- Mitsubishi Chemical Group Corporation
- PTT Global Chemical Public Company Limited (PTTGC)
- Nippon Shokubai Co., Ltd
- Dow Inc. (The Dow Chemical Company)
- Corbion N.V..
- Air Water Inc. (Air Water Performance Chemical Inc.)
- LCY Chemical Corp.
- Wego Chemical Group