

# **Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size, Trends, Analysis, and Outlook By Source (Plant Protein Extract Sources, Microbial Sources), By Application ( Biotechnology, Animal Feed, Fish Feed, Companion/Pet Animals, Agriculture &Fertilizers, Others), By Source of Animal Feed (Plant Protein Extract Sources, Microbial Sources), By Grade of Animal feed (Concentrates, Isolates, Hydrolysates), By Animal Type of Animal feed (Livestock, Poultry, Pig, Cattle, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Protein Extracts from Single Cell Protein and Other Conventional Sources market size is poised to register 8.16% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Protein Extracts from Single Cell Protein and Other Conventional Sources market across By Source (Plant Protein Extract Sources, Microbial Sources), By Application ( Biotechnology, Animal Feed, Fish Feed, Companion/Pet Animals, Agriculture &Fertilizers, Others), By Source of Animal Feed (Plant Protein Extract Sources, Microbial Sources), By Grade of Animal feed (Concentrates, Isolates, Hydrolysates), By Animal Type of Animal feed (Livestock, Poultry, Pig, Cattle, Others).

The Protein Extracts from Single Cell Protein and Other Conventional Sources Market is

witnessing growth driven by increasing demand for alternative protein sources, rising consumer awareness of sustainable food production, and technological advancements in protein extraction and purification. Protein extracts from single cell protein (SCP) and conventional sources such as plants, algae, and fungi offer nutritional benefits and functional properties suitable for various food and feed applications. Key trends include the development of scalable and cost-effective protein extraction methods using fermentation and bioreactor technologies, integration of downstream processing and purification techniques for high-purity protein isolates, and customization of protein extracts for functional ingredients in food, beverage, and animal feed formulations. Moreover, increasing investment in alternative protein research and development, expansion of plant-based and alternative protein markets, and regulatory approvals for novel protein ingredients contribute to market growth.

### Protein Extracts from Single Cell Protein and Other Conventional Sources Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Protein Extracts from Single Cell Protein and Other Conventional Sources market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Protein Extracts from Single Cell Protein and Other Conventional Sources survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Protein Extracts from Single Cell Protein and Other Conventional Sources industry.

### Key market trends defining the global Protein Extracts from Single Cell Protein and Other Conventional Sources demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Protein Extracts from Single Cell Protein and Other Conventional Sources Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Protein Extracts from Single Cell Protein and Other Conventional Sources industry comprises a wide range of segments and sub-segments. The rising demand for these

product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Protein Extracts from Single Cell Protein and Other Conventional Sources companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Protein Extracts from Single Cell Protein and Other Conventional Sources industry

Leading Protein Extracts from Single Cell Protein and Other Conventional Sources companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Protein Extracts from Single Cell Protein and Other Conventional Sources companies.

Protein Extracts from Single Cell Protein and Other Conventional Sources Market Study- Strategic Analysis Review

The Protein Extracts from Single Cell Protein and Other Conventional Sources market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Protein Extracts from Single Cell Protein and Other Conventional Sources industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Protein Extracts from Single Cell Protein and Other Conventional Sources Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Protein Extracts from Single Cell Protein and Other Conventional Sources market segments. Similarly, Strong end-user demand is encouraging Canadian Protein Extracts from Single Cell Protein and Other Conventional Sources companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Protein Extracts from Single Cell Protein and Other Conventional Sources market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

## Europe Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Protein

Extracts from Single Cell Protein and Other Conventional Sources industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Protein Extracts from Single Cell Protein and Other Conventional Sources market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Protein Extracts from Single Cell Protein and Other Conventional Sources in Asia Pacific. In particular, China, India, and South East Asian Protein Extracts from Single Cell Protein and Other Conventional Sources markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Protein Extracts from Single Cell Protein and Other Conventional Sources Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar,

Kuwait, and other GCC countries supports the overall Middle East Protein Extracts from Single Cell Protein and Other Conventional Sources market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Protein Extracts from Single Cell Protein and Other Conventional Sources.

## Protein Extracts from Single Cell Protein and Other Conventional Sources Market Company Profiles

The global Protein Extracts from Single Cell Protein and Other Conventional Sources market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are BlueBio Tech GmbH, CBH, Corbion Biotech Inc, Earthrise Nutritional, Euglena Co. Ltd, Hangzhou, KnipBio, Taiwan Chlorella Manufacturing Company, Unilever, Xiamen Hyfine Gelatin Co. Ltd

## Recent Protein Extracts from Single Cell Protein and Other Conventional Sources Market Developments

The global Protein Extracts from Single Cell Protein and Other Conventional Sources market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Protein Extracts from Single Cell Protein and Other Conventional Sources Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Source

Plant Protein Extract Sources

Microbial Sources - Single Cell Proteins

Microbial Sources - Direct Use

By Application

Biotechnology

- Pharma

-Cell Culture media

- Others

Animal Feed

Fish Feed

Companion/Pet Animals



Agriculture &Fertilizers

Others

By Source of Animal Feed

Plant Protein Extract Sources

Microbial Sources - Single Cell Proteins

-Bacteria

-Yeast

-Algae

-Fungi

Microbial Sources - Direct Use

By Grade of Animal feed

Concentrates

Isolates

Hydrolysates

By Animal Type of Animal feed

Livestock

Poultry

Pig

Cattle



Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BlueBio Tech GmbH

CBH

Corbion Biotech Inc

Earthrise Nutritional

Euglena Co. Ltd

Hangzhou

KnipBio

Taiwan Chlorella Manufacturing Company

Unilever

Xiamen Hyfine Gelatin Co. Ltd

Formats Available: Excel, PDF, and PPT

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#### By Application

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##### - Pharma

##### -Cell Culture media

##### - Others

##### Animal Feed

##### Fish Feed

##### Companion/Pet Animals

##### Agriculture &Fertilizers

##### Others

#### By Source of Animal Feed

##### Plant Protein Extract Sources

##### Microbial Sources - Single Cell Proteins

##### -Bacteria

##### -Yeast

##### -Algae

##### -Fungi

##### Microbial Sources - Direct Use

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#### By Animal Type of Animal feed

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CBH

Corbion Biotech Inc

Earthrise Nutritional

Euglena Co. Ltd

Hangzhou

KnipBio

Taiwan Chlorella Manufacturing Company

Unilever

Xiamen Hyfine Gelatin Co. Ltd

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