

# **Global Antifreeze Proteins (AFP) Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030**

<https://marketpublishers.com/r/G31F3CF92BC8EN.html>

Date: April 2024

Pages: 110

Price: US\$ 4,250.00 (Single User License)

ID: G31F3CF92BC8EN

## **Abstracts**

According to APO Research, The global Antifreeze Proteins (AFP) market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

USA is the largest Antifreeze Proteins (AFP) market with about 80% market share. Japan is follower, accounting for about 17% market share.

The key players are Unilever, Kaneka, Global Fresh Biotech etc. Top 3 companies occupied about 98% market share.

This report presents an overview of global market for Antifreeze Proteins (AFP), sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Antifreeze Proteins (AFP), also provides the sales of main regions and countries. Of the upcoming market potential for Antifreeze Proteins (AFP), and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Antifreeze Proteins (AFP) sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Antifreeze Proteins (AFP) market, and analysis of their competitive landscape and market positioning based on recent developments and

segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Antifreeze Proteins (AFP) sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Unilever, Kaneka and Global Fresh Biotech, etc.

#### Antifreeze Proteins (AFP) segment by Company

Unilever

Kaneka

Global Fresh Biotech

#### Antifreeze Proteins (AFP) segment by Type

Fish AFPs

Plant AFPs

Insect AFPs

Sea Ice Organisms AFPs

Others

#### Antifreeze Proteins (AFP) segment by Application

Medicine

Food

Others

## Antifreeze Proteins (AFP) segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Study Objectives

1. To analyze and research the global Antifreeze Proteins (AFP) status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Antifreeze Proteins (AFP) market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Antifreeze Proteins (AFP) significant trends, drivers, influence factors in global and regions.

6. To analyze Antifreeze Proteins (AFP) competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Antifreeze Proteins (AFP) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Antifreeze Proteins (AFP) and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in sales and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Antifreeze Proteins (AFP).

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### Chapter Outline

Chapter 1: Provides an overview of the Antifreeze Proteins (AFP) market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Antifreeze Proteins (AFP) industry.

Chapter 3: Detailed analysis of Antifreeze Proteins (AFP) manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales and value of Antifreeze Proteins (AFP) in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Antifreeze Proteins (AFP) in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

Chapter 10: Concluding Insights.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Antifreeze Proteins (AFP) Sales Value (2019-2030)
  - 1.2.2 Global Antifreeze Proteins (AFP) Sales Volume (2019-2030)
  - 1.2.3 Global Antifreeze Proteins (AFP) Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### 2 ANTIFREEZE PROTEINS (AFP) MARKET DYNAMICS

- 2.1 Antifreeze Proteins (AFP) Industry Trends
- 2.2 Antifreeze Proteins (AFP) Industry Drivers
- 2.3 Antifreeze Proteins (AFP) Industry Opportunities and Challenges
- 2.4 Antifreeze Proteins (AFP) Industry Restraints

### 3 ANTIFREEZE PROTEINS (AFP) MARKET BY COMPANY

- 3.1 Global Antifreeze Proteins (AFP) Company Revenue Ranking in 2023
- 3.2 Global Antifreeze Proteins (AFP) Revenue by Company (2019-2024)
- 3.3 Global Antifreeze Proteins (AFP) Sales Volume by Company (2019-2024)
- 3.4 Global Antifreeze Proteins (AFP) Average Price by Company (2019-2024)
- 3.5 Global Antifreeze Proteins (AFP) Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Antifreeze Proteins (AFP) Company Manufacturing Base & Headquarters
- 3.7 Global Antifreeze Proteins (AFP) Company, Product Type & Application
- 3.8 Global Antifreeze Proteins (AFP) Company Commercialization Time
- 3.9 Market Competitive Analysis
  - 3.9.1 Global Antifreeze Proteins (AFP) Market CR5 and HHI
  - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
  - 3.9.3 2023 Antifreeze Proteins (AFP) Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

### 4 ANTIFREEZE PROTEINS (AFP) MARKET BY TYPE

- 4.1 Antifreeze Proteins (AFP) Type Introduction
  - 4.1.1 Fish AFPs

- 4.1.2 Plant AFPs
- 4.1.3 Insect AFPs
- 4.1.4 Sea Ice Organisms AFPs
- 4.1.5 Others
- 4.2 Global Antifreeze Proteins (AFP) Sales Volume by Type
  - 4.2.1 Global Antifreeze Proteins (AFP) Sales Volume by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global Antifreeze Proteins (AFP) Sales Volume by Type (2019-2030)
  - 4.2.3 Global Antifreeze Proteins (AFP) Sales Volume Share by Type (2019-2030)
- 4.3 Global Antifreeze Proteins (AFP) Sales Value by Type
  - 4.3.1 Global Antifreeze Proteins (AFP) Sales Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global Antifreeze Proteins (AFP) Sales Value by Type (2019-2030)
  - 4.3.3 Global Antifreeze Proteins (AFP) Sales Value Share by Type (2019-2030)

## **5 ANTIFREEZE PROTEINS (AFP) MARKET BY APPLICATION**

- 5.1 Antifreeze Proteins (AFP) Application Introduction
  - 5.1.1 Medicine
  - 5.1.2 Food
  - 5.1.3 Others
- 5.2 Global Antifreeze Proteins (AFP) Sales Volume by Application
  - 5.2.1 Global Antifreeze Proteins (AFP) Sales Volume by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global Antifreeze Proteins (AFP) Sales Volume by Application (2019-2030)
  - 5.2.3 Global Antifreeze Proteins (AFP) Sales Volume Share by Application (2019-2030)
- 5.3 Global Antifreeze Proteins (AFP) Sales Value by Application
  - 5.3.1 Global Antifreeze Proteins (AFP) Sales Value by Application (2019 VS 2023 VS 2030)
  - 5.3.2 Global Antifreeze Proteins (AFP) Sales Value by Application (2019-2030)
  - 5.3.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application (2019-2030)

## **6 ANTIFREEZE PROTEINS (AFP) MARKET BY REGION**

- 6.1 Global Antifreeze Proteins (AFP) Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Antifreeze Proteins (AFP) Sales by Region (2019-2030)
  - 6.2.1 Global Antifreeze Proteins (AFP) Sales by Region: 2019-2024
  - 6.2.2 Global Antifreeze Proteins (AFP) Sales by Region (2025-2030)
- 6.3 Global Antifreeze Proteins (AFP) Sales Value by Region: 2019 VS 2023 VS 2030



- 6.4 Global Antifreeze Proteins (AFP) Sales Value by Region (2019-2030)
  - 6.4.1 Global Antifreeze Proteins (AFP) Sales Value by Region: 2019-2024
  - 6.4.2 Global Antifreeze Proteins (AFP) Sales Value by Region (2025-2030)
- 6.5 Global Antifreeze Proteins (AFP) Market Price Analysis by Region (2019-2024)
- 6.6 North America
  - 6.6.1 North America Antifreeze Proteins (AFP) Sales Value (2019-2030)
  - 6.6.2 North America Antifreeze Proteins (AFP) Sales Value Share by Country, 2023 VS 2030
- 6.7 Europe
  - 6.7.1 Europe Antifreeze Proteins (AFP) Sales Value (2019-2030)
  - 6.7.2 Europe Antifreeze Proteins (AFP) Sales Value Share by Country, 2023 VS 2030
- 6.8 Asia-Pacific
  - 6.8.1 Asia-Pacific Antifreeze Proteins (AFP) Sales Value (2019-2030)
  - 6.8.2 Asia-Pacific Antifreeze Proteins (AFP) Sales Value Share by Country, 2023 VS 2030
- 6.9 Latin America
  - 6.9.1 Latin America Antifreeze Proteins (AFP) Sales Value (2019-2030)
  - 6.9.2 Latin America Antifreeze Proteins (AFP) Sales Value Share by Country, 2023 VS 2030
- 6.10 Middle East & Africa
  - 6.10.1 Middle East & Africa Antifreeze Proteins (AFP) Sales Value (2019-2030)
  - 6.10.2 Middle East & Africa Antifreeze Proteins (AFP) Sales Value Share by Country, 2023 VS 2030

## **7 ANTIFREEZE PROTEINS (AFP) MARKET BY COUNTRY**

- 7.1 Global Antifreeze Proteins (AFP) Sales by Country: 2019 VS 2023 VS 2030
- 7.2 Global Antifreeze Proteins (AFP) Sales Value by Country: 2019 VS 2023 VS 2030
- 7.3 Global Antifreeze Proteins (AFP) Sales by Country (2019-2030)
  - 7.3.1 Global Antifreeze Proteins (AFP) Sales by Country (2019-2024)
  - 7.3.2 Global Antifreeze Proteins (AFP) Sales by Country (2025-2030)
- 7.4 Global Antifreeze Proteins (AFP) Sales Value by Country (2019-2030)
  - 7.4.1 Global Antifreeze Proteins (AFP) Sales Value by Country (2019-2024)
  - 7.4.2 Global Antifreeze Proteins (AFP) Sales Value by Country (2025-2030)
- 7.5 USA
  - 7.5.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)
  - 7.5.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030
  - 7.5.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.6 Canada

7.6.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.6.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.6.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.7 Germany

7.7.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.7.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.7.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.8 France

7.8.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.8.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.8.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.9 U.K.

7.9.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.9.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.9.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.10 Italy

7.10.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.10.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.10.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.11 Netherlands

7.11.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.11.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.11.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.12 Nordic Countries

7.12.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.12.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.12.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## 7.13 China

7.13.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.13.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.13.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

2030

#### 7.14 Japan

7.14.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.14.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.14.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.15 South Korea

7.15.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.15.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.15.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.16 Southeast Asia

7.16.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.16.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.16.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.17 India

7.17.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.17.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.17.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.18 Australia

7.18.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.18.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.18.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.19 Mexico

7.19.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.19.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.19.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.20 Brazil

7.20.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.20.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.20.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

#### 7.21 Turkey

7.21.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.21.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.21.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

7.22 Saudi Arabia

7.22.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.22.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.22.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

7.23 UAE

7.23.1 Global Antifreeze Proteins (AFP) Sales Value Growth Rate (2019-2030)

7.23.2 Global Antifreeze Proteins (AFP) Sales Value Share by Type, 2023 VS 2030

7.23.3 Global Antifreeze Proteins (AFP) Sales Value Share by Application, 2023 VS 2030

## **8 COMPANY PROFILES**

8.1 Unilever

8.1.1 Unilever Company Information

8.1.2 Unilever Business Overview

8.1.3 Unilever Antifreeze Proteins (AFP) Sales, Value and Gross Margin (2019-2024)

8.1.4 Unilever Antifreeze Proteins (AFP) Product Portfolio

8.1.5 Unilever Recent Developments

8.2 Kaneka

8.2.1 Kaneka Company Information

8.2.2 Kaneka Business Overview

8.2.3 Kaneka Antifreeze Proteins (AFP) Sales, Value and Gross Margin (2019-2024)

8.2.4 Kaneka Antifreeze Proteins (AFP) Product Portfolio

8.2.5 Kaneka Recent Developments

8.3 Global Fresh Biotech

8.3.1 Global Fresh Biotech Company Information

8.3.2 Global Fresh Biotech Business Overview

8.3.3 Global Fresh Biotech Antifreeze Proteins (AFP) Sales, Value and Gross Margin (2019-2024)

8.3.4 Global Fresh Biotech Antifreeze Proteins (AFP) Product Portfolio

8.3.5 Global Fresh Biotech Recent Developments

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

9.1 Antifreeze Proteins (AFP) Value Chain Analysis

9.1.1 Antifreeze Proteins (AFP) Key Raw Materials

- 9.1.2 Raw Materials Key Suppliers
- 9.1.3 Manufacturing Cost Structure
- 9.1.4 Antifreeze Proteins (AFP) Sales Mode & Process
- 9.2 Antifreeze Proteins (AFP) Sales Channels Analysis
  - 9.2.1 Direct Comparison with Distribution Share
  - 9.2.2 Antifreeze Proteins (AFP) Distributors
  - 9.2.3 Antifreeze Proteins (AFP) Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
  - 11.5.1 Secondary Sources
  - 11.5.2 Primary Sources
- 11.6 Disclaimer

## I would like to order

Product name: Global Antifreeze Proteins (AFP) Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

Product link: <https://marketpublishers.com/r/G31F3CF92BC8EN.html>

Price: US\$ 4,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G31F3CF92BC8EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

