

Food Enzymes Market by Source (Microorganisms, Animals, Plant), Type (Carbohydrase, Protease, Lipase), Form (Liquid, Solid), Application (Bakery, Dairy, Beverage, Meat Processing), and Geography- Global Forecast to 2024

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Abstracts

Food Enzymes Market by Source (Microorganisms, Animals, Plant), Type (Carbohydrase, Protease, Lipase), Form (Liquid, Solid), Application (Bakery, Dairy, Beverage, Meat Processing), and Geography- Global Forecast to 2024

The global food enzymes market is expected to grow at a CAGR of 7.5% from 2019 to reach \$3,125.1 million by 2024 from \$2,176.9 million in 2019. The global food enzymes market is majorly driven by growing awareness about nutritional requirements, which has increased rapidly in recent decades. This nutritional awareness is associated with increasing urbanization, pollution, health diseases, and changing dietary habits. Also, the government initiatives in educating rural people about nutrition, increasing proportion of working women, educated people, and availability of less time for food preparation have increased the demand for nutritional food. The population is ever changing towards more value-added food categories and their hunt for health is having a great impact on the nutritional products. As a result, consumer increasingly prefers nutritionally rich healthy food, which in turn, leads to its increased production by food processors. Hence, due to growing need to meet nutritional requirement of population, nutritional food manufacturers are increasingly incorporating enzymes into their products, thus driving the growth of the global food enzymes market. Further, demand for high performance and environment friendly manufacturing process, increasing demand for processed food products, and innovative development in biotechnology are also bolstering the growth of this market. Furthermore, emergence of developing countries as a strong consumer for the nutritional products is expected to create

significant opportunities for the global food enzymes market vendors. However, impact of temperature and pH on enzymes and excessive cost associated with research and development activities are inhibiting the growth of food enzymes market.

The global food enzymes market is mainly segmented by source (microorganisms, animals, plant), type (carbohydrase, protease, lipase), forms (liquid, solid), application (bakery, dairy, beverage, meat processing), and geography.

Based on source, food enzymes market is categorized into microorganisms, plant, and animal. Microorganism sourced enzymes accounted for the largest share of the global food enzymes market in 2018. The large share of microorganism sourced food enzymes is mainly attributed to their lower production costs; possibility of large-scale production in industrial fermenters; wide range of application in the beverage, bakery, dairy, and meat industry; and approval from leading organizations for their use in various food products. The use of microorganisms to produce food enzymes is further expected to increase significantly during the forecast period mainly because of the growing demand to meet the needs of the food industry such as improvement in quality and quantity of the product produced by the genetically modified food enzymes, reduction in time of food processing, and eco-friendly food process.

Based on type, global food enzymes market is categorized into carbohydrase, protease, lipase, and others. Lipase is expected to grow at the highest CAGR during the forecast period owing to various factors including its low extraction cost; growing demand from dairy manufacturers; ease of handling, and properties such as high stability towards temperatures and solvents, wide pH range, and broad substrate tolerance.

Based on application, global food enzymes market is divided into bakery; dairy; beverage; meat, fish, and egg processing; grain and oilseed processing; and others. Bakery processing industry dominated the global market in 2018, mainly due to presence of large bakery product manufacturers and increasing demand for the healthier fortified baked products and product innovations.

Geographically, the global food enzymes market is segmented into North America (U.S. and Canada), Europe (Germany, France, Italy, U.K., Spain, and RoE), Asia Pacific (China, India, Japan, Australia, and RoAPAC), Latin America (Brazil, Mexico, Argentina, and RoLATAM), and Middle East & Africa. An in-depth analysis of the geographical scenario of the industry provides detailed qualitative and quantitative insights about the five major geographies along with the coverage of major countries in each region. North America commanded the largest share of the global food enzymes market in 2018,

followed by Europe and Asia-Pacific. The large share of this region is mainly attributed to increased consumption of protease and lipase due to huge demand for healthy and highly nutritional diet products. This increased consumption in the region is providing new opportunities for vendors to expand their product portfolio in the market.

The key players operating in the global food enzymes market are AB Enzymes GmbH (Germany), Novozymes A/S (Denmark), Koninklijke DSM N.V. (The Netherlands), Dupont Industrial Bioscience (U.S.), Biocatalysts Limited (U.K.), Kerry Group (Ireland), Amano enzyme Inc. (Japan), Chr. Hansen Holding A/S (Denmark), Aum Enzymes (India), Advance Enzyme Technologies Ltd.(India), Enzyme Development Corporation (U.S.), Enmex S.A. de C.V. (Mexico), Jiangsu Boli Bioproducts Co., Ltd. (China), and Leveking (China).

Scope of the Report:

Market by Source

- Microorganisms

 - Fungi

 - Bacteria

 - Yeast

- Animal

- Plant

Market by Type

- Carbohydrase

 - Amylase

 - Lactase

 - Pectinase

Cellulase

Hemicellulase

Others

Protease

Lipase

Others

Market by Form

Liquid

Solid

Market by Application

Bakery

Dairy

Beverage

Meat, Fish, and Egg Processing

Grain and Oilseed Processing

Others

Market by Geography

North America

U.S.

Canada

Europe

Germany

France

Italy

U.K.

Spain

RoE

Asia-Pacific (APAC)

China

Japan

India

Australia

RoAPAC

Rest of World

Latin America

Brazil

Mexico

Argentina

RoLATAM

Middle East and Africa

Contents

1 INTRODUCTION

- 1.1. Market Ecosystem
- 1.2. Currency and Limitations
 - 1.2.1. Currency
 - 1.2.2. Limitations
- 1.3. Key Stakeholders

2 RESEARCH METHODOLOGY

- 2.1. Research Process
 - 2.1.1. Secondary Research
 - 2.1.2. Primary Research
 - 2.1.3. Market Size Estimation

3 EXECUTIVE SUMMARY

- 3.1. Introduction
- 3.2. Market Dynamics
- 3.3. Segment Analysis
 - 3.3.1. Source Analysis
 - 3.3.1.1. Microorganism Source
 - 3.3.2. Type Analysis
 - 3.3.2.1. Carbohydrase
 - 3.3.3. Form Analysis
 - 3.3.4. Application Analysis
- 3.4. Regional Analysis
- 3.5. Competitive Landscape
- 3.6. Key Players

4 MARKET INSIGHTS

- 4.1. Introduction
- 4.2. Drivers
 - 4.2.1. Growing Awareness about Nutritional Requirements
 - 4.2.2. Demand for High Performance and Environment-Friendly Manufacturing Process

- 4.2.3. Increasing Demand for Processed Food Products
- 4.2.4. Innovative Developments in Biotechnology
- 4.3. Restraints
 - 4.3.1. Impact of Temperature and pH on Enzymes
 - 4.3.2. Excessive Cost Associated With Research and Development Activities
- 4.4. Opportunities
 - 4.4.1. Emergence of Developing Countries as Strong Consumer for Nutritional Products
- 4.5. Trends
 - 4.5.1. Involvement of Enzyme in Protein Engineering
- 4.6. Market Share Analysis

5 GLOBAL FOOD ENZYME MARKET, BY SOURCE

- 5.1. Introduction
- 5.2. Microorganism
 - 5.2.1. Fungi
 - 5.2.2. Bacteria
 - 5.2.3. Yeast
- 5.3. Animal
- 5.4. Plant

6 GLOBAL FOOD ENZYME MARKET, BY TYPE

- 6.1. Introduction
- 6.2. Carbohydrase
 - 6.2.1. Introduction
 - 6.2.2. Amylase
 - 6.2.3. Lactase
 - 6.2.4. Pectinase
 - 6.2.5. Cellulase
 - 6.2.6. Hemicellulase
 - 6.2.7. Others
- 6.3. Protease
- 6.4. Lipase
- 6.5. Others

7 GLOBAL FOOD ENZYME MARKET, BY FORMULATION

- 7.1. Introduction
- 7.2. Liquid Form
- 7.3. Solid Form

8 GLOBAL FOOD ENZYME MARKET, BY APPLICATION

- 8.1. Introduction
- 8.2. Bakery
- 8.3. Dairy
- 8.4. Beverage
- 8.5. Meat, Fish, and Egg Processing
- 8.6. Grain and Oilseed Processing
- 8.7. Others

9 GLOBAL FOOD ENZYME MARKET, BY GEOGRAPHY

- 9.1. Introduction
- 9.2. North America
 - 9.2.1. Introduction
 - 9.2.2. U.S.
 - 9.2.3. Canada
- 9.3. Europe
 - 9.3.1. Introduction
 - 9.3.2. Germany
 - 9.3.3. France
 - 9.3.4. U.K.
 - 9.3.5. Italy
 - 9.3.6. Spain
 - 9.3.7. Rest of Europe
- 9.4. Asia-Pacific
 - 9.4.1. Introduction
 - 9.4.2. China
 - 9.4.3. India
 - 9.4.4. Japan
 - 9.4.5. Australia
 - 9.4.6. Rest of Asia-Pacific
- 9.5. Rest of World
 - 9.5.1. Introduction
 - 9.5.2. Latin America

- 9.5.2.1. Introduction
- 9.5.2.2. Brazil
- 9.5.2.3. Mexico
- 9.5.2.4. Argentina
- 9.5.2.5. Rest of Latin America
- 9.5.3. Middle East and Africa

10 COMPETITIVE LANDSCAPE

- 10.1. Competitive Benchmarking
 - 10.1.1. Bakery Enzymes
 - 10.1.2. Dairy Enzymes
 - 10.1.3. Beverage Enzymes
 - 10.1.4. Meat, Fish, and Egg Processing Enzymes
 - 10.1.5. Grain and Oilseed Processing Enzymes

11 COMPANY PROFILES (INCLUDES BUSINESS OVERVIEW, FINANCIAL OVERVIEW, PRODUCT PORTFOLIO, STRATEGIC DEVELOPMENTS)

- 11.1. AB Enzymes GmbH
- 11.2. Novozymes A/S
- 11.3. Koninklijke DSM N.V.
- 11.4. DuPont Industrial Bioscience
- 11.5. Biocatalysts Limited
- 11.6. Kerry Group PLC
- 11.7. Amano Enzyme, Inc.
- 11.8. Chr. Hansen Holding A/S
- 11.9. Aum Enzymes
- 11.10. Advanced Enzyme Technologies Ltd.
- 11.11. Enzyme Development Corporation
- 11.12. Enmex, S.A. De C.V.
- 11.13. Jiangsu Boli Bioproducts Co., Ltd.
- 11.14. Leveking

12 APPENDIX

- 12.1. Questionnaire

List Of Tables

LIST OF TABLES

- Table 1 Global Food Enzymes Market Drivers: Impact Analysis (2019-2024)
- Table 2 Global Food Enzymes Restraints: Impact Analysis (2019-2024)
- Table 3 Global Food Enzymes Market Size, by Source, 2017–2024 (USD Million)
- Table 4 Microorganism Sourced Food Enzymes Market Size, by Type, 2017–2024 (USD Million)
- Table 5 Microorganism Sourced Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 6 Fungi Sourced Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 7 Bacteria Sourced Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 8 Yeast Sourced Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 9 Animal Sourced Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 10 Plant Sourced Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 11 Global Food Enzymes Market Size, by Type, 2017-2024 (USD Million)
- Table 12 Global Carbohydrase Market Size, by Type, 2017-2024 (USD Million)
- Table 13 Carbohydrase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 14 Amylase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 15 Lactase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 16 Pectinase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 17 Cellulase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 18 Hemicellulase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 19 Others Carbohydrase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 20 Protease Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 21 Lipase Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 22 Others Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 23 Global Food Enzymes Market Size, by Form, 2017-2024 (USD Million)
- Table 24 Liquid Form Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)
- Table 25 Solid Form Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Million)

Table 26 Global Food Enzymes Market Size, by Application, 2017-2024 (USD Million)

Table 27 Baking Enzymes- Key Benefits

Table 28 Bakery Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 29 Dairy Enzymes Key Benefits

Table 30 Dairy Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 31 Brewing Enzyme- Key Benefits

Table 32 Wine Enzymes- Key Benefits

Table 33 Fruit Juice Industry Enzymes- Key Benefits

Table 34 Beverage Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 35 Key Benefits of Meat Enzymes

Table 36 Meat, Fish, and Egg Processing Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 37 Grain and Oil Seed Processing Enzymes- Key Benefits

Table 38 Grain and Oilseed Processing Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 39 Savory Enzymes Key Benefits

Table 40 Food Enzymes Market Size for Other Applications, by Country/Region, 2017-2024 (USD Million)

Table 41 Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 42 North America: Food Enzymes Market Size, by Country, 2017-2024 (USD Million)

Table 43 North America: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 44 North America: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 45 North America: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 46 North America: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 47 North America: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 48 North America: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 49 U.S.: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 50 U.S.: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 51 U.S.: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 52 U.S.: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 53 U.S.: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 54 U.S.: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 55 Canada: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 56 Canada: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 57 Canada: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 58 Canada: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 59 Canada: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 60 Canada: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 61 Europe: Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 62 Europe: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 63 Europe: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 64 Europe: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 65 Europe: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 66 Europe: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 67 Europe: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 68 Germany: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 69 Germany: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 70 Germany: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 71 Germany: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 72 Germany: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 73 Germany: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 74 France: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 75 France: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 76 France: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 77 France: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 78 France: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 79 France: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 80 U.K.: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 81 U.K.: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 82 U.K.: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 83 U.K.: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 84 U.K.: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 85 U.K.: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 86 Italy: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 87 Italy: Microorganism Sourced Food Enzymes Market Size, by Type,

2017-2024 (USD Million)

Table 88 Italy: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 89 Italy: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 90 Italy: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 91 Italy: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 92 Spain: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 93 Spain: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 94 Spain: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 95 Spain: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 96 Spain: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 97 Spain: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 98 RoE: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 99 RoE: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 100 RoE: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 101 RoE: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 102 RoE: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 103 RoE: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 104 Asia-Pacific: Food Enzymes Market Size, by Country/Region, 2017-2024 (USD Million)

Table 105 Asia-Pacific: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 106 Asia-Pacific: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 107 Asia-Pacific: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 108 Asia-Pacific: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 109 Asia-Pacific: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 110 Asia-Pacific: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 111 China: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 112 China: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 113 China: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 114 China: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 115 China: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 116 China: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 117 India: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 118 India: Microorganism Sourced Food Enzymes Market Size, by Type,

2017-2024 (USD Million)

Table 119 India: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 120 India: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 121 India: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 122 India: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 123 Japan: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 124 Japan: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 125 Japan: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 126 Japan: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 127 Japan: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 128 Japan: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 129 Australia: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 130 Australia: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 131 Australia: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 132 Australia: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 133 Australia: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 134 Australia: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 135 RoAPAC: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 136 RoAPAC: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 137 RoAPAC: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 138 RoAPAC: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 139 RoAPAC: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 140 RoAPAC: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 141 RoW: Food Enzymes Market Size, by Country, 2017-2024 (USD Million)

Table 142 RoW: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 143 RoW: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 144 RoW: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 145 RoW: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 146 RoW: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 147 RoW: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 148 Latin America: Food Enzymes Market Size, by Country, 2017-2024 (USD Million)

Table 149 Latin America: Food Enzymes Market Size, by Source, 2017-2024 (USD

Million)

Table 150 Latin America: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 151 Latin America: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 152 Latin America: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 153 Latin America: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 154 Latin America: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 155 Brazil: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 156 Brazil: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 157 Brazil: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 158 Brazil: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 159 Brazil: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 160 Brazil: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 161 Mexico: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 162 Mexico: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 163 Mexico: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 164 Mexico: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 165 Mexico: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 166 Mexico: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 167 Argentina: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 168 Argentina: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 169 Argentina: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 170 Argentina: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 171 Argentina: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 172 Argentina: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 173 RoLATAM: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 174 RoLATAM: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 175 RoLATAM: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 176 RoLATAM: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 177 RoLATAM: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 178 RoLATAM: Food Enzyme Market Size, by Application, 2017-2024 (USD

Million)

Table 179 Middle East and Africa: Food Enzymes Market Size, by Source, 2017-2024 (USD Million)

Table 180 Middle East and Africa: Microorganism Sourced Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 181 Middle East and Africa: Food Enzymes Market Size, by Type, 2017-2024 (USD Million)

Table 182 Middle East and Africa: Carbohydrase Market Size, by Type, 2017-2024 (USD Million)

Table 183 Middle East and Africa: Food Enzymes Market Size, by Form, 2017-2024 (USD Million)

Table 184 Middle East and Africa: Food Enzyme Market Size, by Application, 2017-2024 (USD Million)

Table 185 Number of Developments by the Major Players during 2015-2019

Table 186 Key Products: Bakery Enzymes

Table 187 Key Products: Dairy Enzymes

Table 188 Key Products: Beverage Enzymes

Table 189 Key Products: Meat, Fish, and Egg Processing Enzymes

Table 190 Key Products: Grain and Oilseed Processing Enzymes

List Of Figures

LIST OF FIGURES

- Figure 1 Scope of the Global Food Enzymes Market
- Figure 2 Key Stakeholders of the Global Food Enzymes Market
- Figure 3 Research Process
- Figure 4 Key Executives Interviewed
- Figure 5 Primary Research Techniques
- Figure 6 Market Size Estimation
- Figure 7 Microorganism Sourced Enzymes Dominates Global Food Enzymes Market
- Figure 8 Bacteria Sourced Food Enzymes to Witness Significant Growth during the Forecast Period
- Figure 9 Lipase to Witness a Fastest Growth in the Global Food Enzymes Market during the Forecast Period
- Figure 10 Lactase to Post Fastest Growth in Global Food Enzymes Market by 2024
- Figure 11 Liquid Food Enzymes to be the Largest Market in Global Food Enzymes Market by 2024
- Figure 12 Bakery Industry to Witness Largest Demand through 2024
- Figure 13 Global Food Enzymes Market Share, by Geography, 2018
- Figure 14 Asia-Pacific: Lucrative and Growing Market for Food Enzymes Manufacturers
- Figure 15 Competitive Landscape, 2015-2018
- Figure 16 Market Dynamics
- Figure 17 Global Food Enzyme Market Share Analysis, by Key Players, 2018
- Figure 18 Global Food Enzymes Market Size, by Source, 2019–2024 (USD Million)
- Figure 29 Global Microorganism Sourced Food Enzymes Market Size, by Type, 2019–2024 (USD Million)
- Figure 20 Global Food Enzymes Market Size, by Type, 2019-2024 (USD Million)
- Figure 21 Global Carbohydrase Market Size, by Type, 2019-2024 (USD Million)
- Figure 22 Global Food Enzymes Market Size, by Form, 2019-2024 (USD Million)
- Figure 23 Global Food Enzymes Market Size, by Application, 2019-2024 (USD Million)
- Figure 24 Global Food Enzymes Market Size, by Region, 2018-2024 (USD Million)
- Figure 25 Future Geographical Outlook, 2024
- Figure 26 Key Adopters of Food Enzymes
- Figure 27 North America: Food Enzymes Market Size, by Country, 2019-2024 (USD Million)
- Figure 28 Total Food and Beverage Manufacturing Establishments in the U.S., 2016
- Figure 29 Canadian Food Manufacturing Industry, by Segment, 2011-2014 (In \$Billion)
- Figure 30 European Export of Food and Beverages, by Sector, 2015

Figure 31 Europe: Food Enzymes Market Size, by Country/Region, 2019-2024 (USD Million)

Figure 32 German Food and Beverage Industry, by Segment, 2017 (In Percent)

Figure 33 Gross Value Added (GVA) of Sector in 2016 (? Billion)

Figure 34 Spanish Food Processing Industry Sales by Subsector, 2014

Figure 35 Asia-Pacific: Food Enzymes Market Size, by Country/Region, 2019-2024 (USD Million)

Figure 36 Number of Firms in the Food and Beverage Processing/Manufacturing Sector in China, 2011-2015

Figure 37 Chinese Food and Beverage Processing and Manufacturing Sector Revenue, 2011-2015 (In RMB 100 Million)

Figure 38 Japanese Food Processing Industry, 2014-2015

Figure 39 RoW: Food Enzymes Market Size, by Country, 2019-2024 (USD Million)

Figure 40 Latin America: Food Enzymes Market Size, by Country, 2019-2024 (USD Million)

Figure 41 Brazilian Food Industry Net Sale, 2016, (Percentage)

Figure 42 Production by Industry in Mexico, 2015

Figure 43 Key Growth Strategies Adopted by the Key Players, 2015-2019

Figure 44 Food Enzyme Market: Competitive Benchmarking

Figure 45 ABF Ingredients, Ltd: Financial Overview, (2016-2018)

Figure 46 Novozymes A/S: Financial Overview, (2015-2017)

Figure 47 Koninklijke DSM N.V.: Financial Overview, (2015-2017)

Figure 48 DowDuPont Inc.: Financial Overview, (2015-2017)

Figure 49 Kerry Group Plc: Financial Overview, (2015-2017)

Figure 50 Chr. Hansen Holding A/S: Financial Overview, (2016-2018)

Figure 51 Advance Enzyme Technologies: Financial Overview, (2015-2017)

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