

# Microbial Fermentation APIs Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

<https://marketpublishers.com/r/M43A7D919A43EN.html>

Date: January 2020

Pages: 99

Price: US\$ 3,000.00 (Single User License)

ID: M43A7D919A43EN

## Abstracts

### SUMMARY

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary.

The global Microbial Fermentation APIs market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Microbial Fermentation APIs market segmented into

Antibiotics

Amino Acids

Vitamin

Nucleotide

Organic Acid

Alcohol

Based on the end-use, the global Microbial Fermentation APIs market classified into

Hospitals

Research & Academic Laboratories

Pharmaceutical & Biotechnology Companies

Based on geography, the global Microbial Fermentation APIs market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

Merck

Ajinomoto

HGPF

Huaxing

North China Pharma

Topfond

DSM

Tianyao

CSPC Pharma

Northeast Pharm

Lukang Pharmaceutical

Shandong Luwei

Aland Nutraceutical (DSM)

## Contents

### **1 RESEARCH SCOPE**

- 1.1 Research Product Definition
- 1.2 Research Segmentation
  - 1.2.1 Product Type
  - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

### **2 GLOBAL MICROBIAL FERMENTATION APIS INDUSTRY**

- 2.1 Summary about Microbial Fermentation APIs Industry
- 2.2 Microbial Fermentation APIs Market Trends
  - 2.2.1 Microbial Fermentation APIs Production & Consumption Trends
  - 2.2.2 Microbial Fermentation APIs Demand Structure Trends
- 2.3 Microbial Fermentation APIs Cost & Price

### **3 MARKET DYNAMICS**

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

### **4 GLOBAL MARKET SEGMENTATION**

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
  - 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
  - 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)

- 4.2.1 Antibiotics
- 4.2.2 Amino Acids
- 4.2.3 Vitamin
- 4.2.4 Nucleotide
- 4.2.5 Organic Acid
- 4.2.6 Alcohol
- 4.3 Consumption Segmentation (2017 to 2021f)
  - 4.3.1 Hospitals
  - 4.3.2 Research & Academic Laboratories
  - 4.3.3 Pharmaceutical & Biotechnology Companies

## **5 NORTH AMERICA MARKET SEGMENT**

- 5.1 Region Segmentation (2017 to 2021f)
  - 5.1.1 U.S.
  - 5.1.2 Canada
  - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
  - 5.2.1 Antibiotics
  - 5.2.2 Amino Acids
  - 5.2.3 Vitamin
  - 5.2.4 Nucleotide
  - 5.2.5 Organic Acid
  - 5.2.6 Alcohol
- 5.3 Consumption Segmentation (2017 to 2021f)
  - 5.3.1 Hospitals
  - 5.3.2 Research & Academic Laboratories
  - 5.3.3 Pharmaceutical & Biotechnology Companies
- 5.4 Impact of COVID-19 in North America

## **6 EUROPE MARKET SEGMENTATION**

- 6.1 Region Segmentation (2017 to 2021f)
  - 6.1.1 Germany
  - 6.1.2 UK
  - 6.1.3 France
  - 6.1.4 Italy
  - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)

- 6.2.1 Antibiotics
- 6.2.2 Amino Acids
- 6.2.3 Vitamin
- 6.2.4 Nucleotide
- 6.2.5 Organic Acid
- 6.2.6 Alcohol
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Hospitals
  - 6.3.2 Research & Academic Laboratories
  - 6.3.3 Pharmaceutical & Biotechnology Companies
- 6.4 Impact of COVID-19 in Europe

## **7 ASIA-PACIFIC MARKET SEGMENTATION**

- 7.1 Region Segmentation (2017 to 2021f)
  - 7.1.1 China
  - 7.1.2 India
  - 7.1.3 Japan
  - 7.1.4 South Korea
  - 7.1.5 Southeast Asia
  - 7.1.6 Australia
  - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 Antibiotics
  - 7.2.2 Amino Acids
  - 7.2.3 Vitamin
  - 7.2.4 Nucleotide
  - 7.2.5 Organic Acid
  - 7.2.6 Alcohol
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Hospitals
  - 7.3.2 Research & Academic Laboratories
  - 7.3.3 Pharmaceutical & Biotechnology Companies
- 7.4 Impact of COVID-19 in Europe

## **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil

- 8.1.2 Argentina
- 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 Antibiotics
  - 8.2.2 Amino Acids
  - 8.2.3 Vitamin
  - 8.2.4 Nucleotide
  - 8.2.5 Organic Acid
  - 8.2.6 Alcohol
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Hospitals
  - 8.3.2 Research & Academic Laboratories
  - 8.3.3 Pharmaceutical & Biotechnology Companies
- 8.4 Impact of COVID-19 in Europe

## **9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION**

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
  - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 Antibiotics
  - 9.2.2 Amino Acids
  - 9.2.3 Vitamin
  - 9.2.4 Nucleotide
  - 9.2.5 Organic Acid
  - 9.2.6 Alcohol
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Hospitals
  - 9.3.2 Research & Academic Laboratories
  - 9.3.3 Pharmaceutical & Biotechnology Companies
- 9.4 Impact of COVID-19 in Europe

## **10 COMPETITION OF MAJOR PLAYERS**

- 10.1 Brief Introduction of Major Players
  - 10.1.1 Merck

- 10.1.2 Ajinomoto
- 10.1.3 HGPF
- 10.1.4 Huaxing
- 10.1.5 North China Pharma
- 10.1.6 Topfond
- 10.1.7 DSM
- 10.1.8 Tianyao
- 10.1.9 CSPC Pharma
- 10.1.10 Northeast Pharm
- 10.1.11 Lukang Pharmaceutical
- 10.1.12 Shandong Luwei
- 10.1.13 Aland Nutraceutical (DSM)
- 10.2 Microbial Fermentation APIs Sales Date of Major Players (2017-2020e)
  - 10.2.1 Merck
  - 10.2.2 Ajinomoto
  - 10.2.3 HGPF
  - 10.2.4 Huaxing
  - 10.2.5 North China Pharma
  - 10.2.6 Topfond
  - 10.2.7 DSM
  - 10.2.8 Tianyao
  - 10.2.9 CSPC Pharma
  - 10.2.10 Northeast Pharm
  - 10.2.11 Lukang Pharmaceutical
  - 10.2.12 Shandong Luwei
  - 10.2.13 Aland Nutraceutical (DSM)
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

## **11 MARKET FORECAST**

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
  - 11.3.1 Impact of COVID-19
  - 11.3.2 Geopolitics Overview
  - 11.3.3 Economic Overview of Major Countries

## **12 REPORT SUMMARY STATEMENT**



## List Of Tables

### LIST OF TABLES

1. Table Microbial Fermentation APIs Product Type Overview
2. Table Microbial Fermentation APIs Product Type Market Share List
3. Table Microbial Fermentation APIs Product Type of Major Players
4. Table Brief Introduction of Merck
5. Table Brief Introduction of Ajinomoto
6. Table Brief Introduction of HGPF
7. Table Brief Introduction of Huaxing
8. Table Brief Introduction of North China Pharma
9. Table Brief Introduction of Topfond
10. Table Brief Introduction of DSM
11. Table Brief Introduction of Tianyao
12. Table Brief Introduction of CSPC Pharma
13. Table Brief Introduction of Northeast Pharm
14. Table Brief Introduction of Lukang Pharmaceutical
15. Table Brief Introduction of Shandong Luwei
16. Table Brief Introduction of Aland Nutraceutical (DSM)
17. Table Products & Services of Merck
18. Table Products & Services of Ajinomoto
19. Table Products & Services of HGPF
20. Table Products & Services of Huaxing
21. Table Products & Services of North China Pharma
22. Table Products & Services of Topfond
23. Table Products & Services of DSM
24. Table Products & Services of Tianyao
25. Table Products & Services of CSPC Pharma
26. Table Products & Services of Northeast Pharm
27. Table Products & Services of Lukang Pharmaceutical
28. Table Products & Services of Shandong Luwei
29. Table Products & Services of Aland Nutraceutical (DSM)
30. Table Market Distribution of Major Players
31. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
32. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
33. Table Global Microbial Fermentation APIs Market Forecast (Million USD) by Region 2021f-2026f
34. Table Global Microbial Fermentation APIs Market Forecast (Million USD) Share by Region 2021f-2026f

35. Table Global Microbial Fermentation APIs Market Forecast (Million USD) by Demand 2021f-2026f

36. Table Global Microbial Fermentation APIs Market Forecast (Million USD) Share by Demand 2021f-2026f

## List Of Figures

### LIST OF FIGURES

1. Figure Global Microbial Fermentation APIs Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
2. Figure Global Microbial Fermentation APIs Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
3. Figure Global Microbial Fermentation APIs Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
4. Figure Global Microbial Fermentation APIs Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
5. Figure Global Microbial Fermentation APIs Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
6. Figure Global Microbial Fermentation APIs Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
7. Figure Global Microbial Fermentation APIs Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
10. Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
11. Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
13. Figure Antibiotics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
14. Figure Amino Acids Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
15. Figure Vitamin Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
16. Figure Nucleotide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
17. Figure Organic Acid Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
18. Figure Alcohol Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

19. Figure Hospitals Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
20. Figure Research & Academic Laboratories Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
21. Figure Pharmaceutical & Biotechnology Companies Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
22. Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
23. Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
24. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
25. Figure Antibiotics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
26. Figure Amino Acids Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
27. Figure Vitamin Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
28. Figure Nucleotide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
29. Figure Organic Acid Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
30. Figure Alcohol Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
31. Figure Hospitals Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
32. Figure Research & Academic Laboratories Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
33. Figure Pharmaceutical & Biotechnology Companies Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
34. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
35. Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
36. Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
37. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
38. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year

(YOY) Growth (%) 2018-2021f

39. Figure Antibiotics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

40. Figure Amino Acids Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

41. Figure Vitamin Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

42. Figure Nucleotide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

43. Figure Organic Acid Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

44. Figure Alcohol Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

45. Figure Hospitals Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

46. Figure Research & Academic Laboratories Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

47. Figure Pharmaceutical & Biotechnology Companies Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

48. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

49. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

50. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

51. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

52. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

53. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

54. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

55. Figure Antibiotics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

56. Figure Amino Acids Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

57. Figure Vitamin Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

58. Figure Nucleotide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
59. Figure Organic Acid Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
60. Figure Alcohol Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
61. Figure Hospitals Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
62. Figure Research & Academic Laboratories Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
63. Figure Pharmaceutical & Biotechnology Companies Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
64. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
65. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
66. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
67. Figure Antibiotics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
68. Figure Amino Acids Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
69. Figure Vitamin Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
70. Figure Nucleotide Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
71. Figure Organic Acid Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
72. Figure Alcohol Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
73. Figure Hospitals Segmentation Market Size (USD Milli

## I would like to order

Product name: Microbial Fermentation APIs Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: <https://marketpublishers.com/r/M43A7D919A43EN.html>

Price: US\$ 3,000.00 (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/M43A7D919A43EN.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

