

# Global Biological Buffers Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GB135D2B667EN.html>

Date: July 2024

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: GB135D2B667EN

## Abstracts

According to our (Global Info Research) latest study, the global Biological Buffers market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Biological Buffers are used to prepare exclusive solutions that aid in various biochemical processes, wherein a significant change in pH can lead to harmful reaction in molecular structure, biological activity and functions. Buffer systems are aqueous systems that resist changes in pH, as an acid or base is added.

A buffer is simply a solution containing a weak acid and its conjugate base. When an acid is added to the buffer, it reacts with the conjugate base making a weak acid and hardly affecting the pH of the solution.

The Global Info Research report includes an overview of the development of the Biological Buffers industry chain, the market status of Research Institution (Phosphates Type, Acetates Type), Pharmaceutical Industry (Phosphates Type, Acetates Type), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Biological Buffers.

Regionally, the report analyzes the Biological Buffers markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Biological Buffers market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### Key Features:

The report presents comprehensive understanding of the Biological Buffers market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Biological Buffers industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Phosphates Type, Acetates Type).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Biological Buffers market.

**Regional Analysis:** The report involves examining the Biological Buffers market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Biological Buffers market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Biological Buffers:

**Company Analysis:** Report covers individual Biological Buffers manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Biological Buffers This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Research Institution, Pharmaceutical Industry).

**Technology Analysis:** Report covers specific technologies relevant to Biological Buffers. It assesses the current state, advancements, and potential future developments in Biological Buffers areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Biological Buffers market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Biological Buffers market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

Phosphates Type

Acetates Type

TRIS Type

Others

#### Market segment by Application

Research Institution

Pharmaceutical Industry

Others

#### Major players covered

Avantor

Alfa Aesar (Thermo Fisher)

Merck

Lonza

Bio-Rad

BD

GE Healthcare

Promega Corporation

Hamilton Company

XZL BIO-TECHNOLOGY

SRL

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Biological Buffers product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Biological Buffers, with price, sales, revenue and global market share of Biological Buffers from 2019 to 2024.

Chapter 3, the Biological Buffers competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Biological Buffers breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Biological Buffers market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Biological Buffers.

Chapter 14 and 15, to describe Biological Buffers sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Biological Buffers
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Biological Buffers Consumption Value by Type: 2019 Versus 2023 Versus 2030
  - 1.3.2 Phosphates Type
  - 1.3.3 Acetates Type
  - 1.3.4 TRIS Type
  - 1.3.5 Others
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Biological Buffers Consumption Value by Application: 2019 Versus 2023 Versus 2030
  - 1.4.2 Research Institution
  - 1.4.3 Pharmaceutical Industry
  - 1.4.4 Others
- 1.5 Global Biological Buffers Market Size & Forecast
  - 1.5.1 Global Biological Buffers Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Biological Buffers Sales Quantity (2019-2030)
  - 1.5.3 Global Biological Buffers Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

- 2.1 Avantor
  - 2.1.1 Avantor Details
  - 2.1.2 Avantor Major Business
  - 2.1.3 Avantor Biological Buffers Product and Services
  - 2.1.4 Avantor Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.1.5 Avantor Recent Developments/Updates
- 2.2 Alfa Aesar (Thermo Fisher)
  - 2.2.1 Alfa Aesar (Thermo Fisher) Details
  - 2.2.2 Alfa Aesar (Thermo Fisher) Major Business
  - 2.2.3 Alfa Aesar (Thermo Fisher) Biological Buffers Product and Services
  - 2.2.4 Alfa Aesar (Thermo Fisher) Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.2.5 Alfa Aesar (Thermo Fisher) Recent Developments/Updates
- 2.3 Merck
  - 2.3.1 Merck Details
  - 2.3.2 Merck Major Business
  - 2.3.3 Merck Biological Buffers Product and Services
  - 2.3.4 Merck Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.3.5 Merck Recent Developments/Updates
- 2.4 Lonza
  - 2.4.1 Lonza Details
  - 2.4.2 Lonza Major Business
  - 2.4.3 Lonza Biological Buffers Product and Services
  - 2.4.4 Lonza Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.4.5 Lonza Recent Developments/Updates
- 2.5 Bio-Rad
  - 2.5.1 Bio-Rad Details
  - 2.5.2 Bio-Rad Major Business
  - 2.5.3 Bio-Rad Biological Buffers Product and Services
  - 2.5.4 Bio-Rad Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.5.5 Bio-Rad Recent Developments/Updates
- 2.6 BD
  - 2.6.1 BD Details
  - 2.6.2 BD Major Business
  - 2.6.3 BD Biological Buffers Product and Services
  - 2.6.4 BD Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.6.5 BD Recent Developments/Updates
- 2.7 GE Healthcare
  - 2.7.1 GE Healthcare Details
  - 2.7.2 GE Healthcare Major Business
  - 2.7.3 GE Healthcare Biological Buffers Product and Services
  - 2.7.4 GE Healthcare Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.7.5 GE Healthcare Recent Developments/Updates
- 2.8 Promega Corporation
  - 2.8.1 Promega Corporation Details
  - 2.8.2 Promega Corporation Major Business

- 2.8.3 Promega Corporation Biological Buffers Product and Services
- 2.8.4 Promega Corporation Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Promega Corporation Recent Developments/Updates
- 2.9 Hamilton Company
  - 2.9.1 Hamilton Company Details
  - 2.9.2 Hamilton Company Major Business
  - 2.9.3 Hamilton Company Biological Buffers Product and Services
  - 2.9.4 Hamilton Company Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 Hamilton Company Recent Developments/Updates
- 2.10 XZL BIO-TECHNOLOGY
  - 2.10.1 XZL BIO-TECHNOLOGY Details
  - 2.10.2 XZL BIO-TECHNOLOGY Major Business
  - 2.10.3 XZL BIO-TECHNOLOGY Biological Buffers Product and Services
  - 2.10.4 XZL BIO-TECHNOLOGY Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 XZL BIO-TECHNOLOGY Recent Developments/Updates
- 2.11 SRL
  - 2.11.1 SRL Details
  - 2.11.2 SRL Major Business
  - 2.11.3 SRL Biological Buffers Product and Services
  - 2.11.4 SRL Biological Buffers Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 SRL Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: BIOLOGICAL BUFFERS BY MANUFACTURER**

- 3.1 Global Biological Buffers Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Biological Buffers Revenue by Manufacturer (2019-2024)
- 3.3 Global Biological Buffers Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Biological Buffers by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Biological Buffers Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Biological Buffers Manufacturer Market Share in 2023
- 3.5 Biological Buffers Market: Overall Company Footprint Analysis
  - 3.5.1 Biological Buffers Market: Region Footprint
  - 3.5.2 Biological Buffers Market: Company Product Type Footprint



- 3.5.3 Biological Buffers Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Biological Buffers Market Size by Region
  - 4.1.1 Global Biological Buffers Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Biological Buffers Consumption Value by Region (2019-2030)
  - 4.1.3 Global Biological Buffers Average Price by Region (2019-2030)
- 4.2 North America Biological Buffers Consumption Value (2019-2030)
- 4.3 Europe Biological Buffers Consumption Value (2019-2030)
- 4.4 Asia-Pacific Biological Buffers Consumption Value (2019-2030)
- 4.5 South America Biological Buffers Consumption Value (2019-2030)
- 4.6 Middle East and Africa Biological Buffers Consumption Value (2019-2030)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Biological Buffers Sales Quantity by Type (2019-2030)
- 5.2 Global Biological Buffers Consumption Value by Type (2019-2030)
- 5.3 Global Biological Buffers Average Price by Type (2019-2030)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Biological Buffers Sales Quantity by Application (2019-2030)
- 6.2 Global Biological Buffers Consumption Value by Application (2019-2030)
- 6.3 Global Biological Buffers Average Price by Application (2019-2030)

## **7 NORTH AMERICA**

- 7.1 North America Biological Buffers Sales Quantity by Type (2019-2030)
- 7.2 North America Biological Buffers Sales Quantity by Application (2019-2030)
- 7.3 North America Biological Buffers Market Size by Country
  - 7.3.1 North America Biological Buffers Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Biological Buffers Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

## **8 EUROPE**

- 8.1 Europe Biological Buffers Sales Quantity by Type (2019-2030)
- 8.2 Europe Biological Buffers Sales Quantity by Application (2019-2030)
- 8.3 Europe Biological Buffers Market Size by Country
  - 8.3.1 Europe Biological Buffers Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Biological Buffers Consumption Value by Country (2019-2030)
  - 8.3.3 Germany Market Size and Forecast (2019-2030)
  - 8.3.4 France Market Size and Forecast (2019-2030)
  - 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
  - 8.3.6 Russia Market Size and Forecast (2019-2030)
  - 8.3.7 Italy Market Size and Forecast (2019-2030)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Biological Buffers Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Biological Buffers Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Biological Buffers Market Size by Region
  - 9.3.1 Asia-Pacific Biological Buffers Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Biological Buffers Consumption Value by Region (2019-2030)
  - 9.3.3 China Market Size and Forecast (2019-2030)
  - 9.3.4 Japan Market Size and Forecast (2019-2030)
  - 9.3.5 Korea Market Size and Forecast (2019-2030)
  - 9.3.6 India Market Size and Forecast (2019-2030)
  - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
  - 9.3.8 Australia Market Size and Forecast (2019-2030)

## **10 SOUTH AMERICA**

- 10.1 South America Biological Buffers Sales Quantity by Type (2019-2030)
- 10.2 South America Biological Buffers Sales Quantity by Application (2019-2030)
- 10.3 South America Biological Buffers Market Size by Country
  - 10.3.1 South America Biological Buffers Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Biological Buffers Consumption Value by Country (2019-2030)
  - 10.3.3 Brazil Market Size and Forecast (2019-2030)
  - 10.3.4 Argentina Market Size and Forecast (2019-2030)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Biological Buffers Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Biological Buffers Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Biological Buffers Market Size by Country
  - 11.3.1 Middle East & Africa Biological Buffers Sales Quantity by Country (2019-2030)
  - 11.3.2 Middle East & Africa Biological Buffers Consumption Value by Country (2019-2030)
  - 11.3.3 Turkey Market Size and Forecast (2019-2030)
  - 11.3.4 Egypt Market Size and Forecast (2019-2030)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
  - 11.3.6 South Africa Market Size and Forecast (2019-2030)

## **12 MARKET DYNAMICS**

- 12.1 Biological Buffers Market Drivers
- 12.2 Biological Buffers Market Restraints
- 12.3 Biological Buffers Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Biological Buffers and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Biological Buffers
- 13.3 Biological Buffers Production Process
- 13.4 Biological Buffers Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Biological Buffers Typical Distributors
- 14.3 Biological Buffers Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Biological Buffers Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Biological Buffers Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Avantor Basic Information, Manufacturing Base and Competitors

Table 4. Avantor Major Business

Table 5. Avantor Biological Buffers Product and Services

Table 6. Avantor Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Avantor Recent Developments/Updates

Table 8. Alfa Aesar (Thermo Fisher) Basic Information, Manufacturing Base and Competitors

Table 9. Alfa Aesar (Thermo Fisher) Major Business

Table 10. Alfa Aesar (Thermo Fisher) Biological Buffers Product and Services

Table 11. Alfa Aesar (Thermo Fisher) Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Alfa Aesar (Thermo Fisher) Recent Developments/Updates

Table 13. Merck Basic Information, Manufacturing Base and Competitors

Table 14. Merck Major Business

Table 15. Merck Biological Buffers Product and Services

Table 16. Merck Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Merck Recent Developments/Updates

Table 18. Lonza Basic Information, Manufacturing Base and Competitors

Table 19. Lonza Major Business

Table 20. Lonza Biological Buffers Product and Services

Table 21. Lonza Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Lonza Recent Developments/Updates

Table 23. Bio-Rad Basic Information, Manufacturing Base and Competitors

Table 24. Bio-Rad Major Business

Table 25. Bio-Rad Biological Buffers Product and Services

Table 26. Bio-Rad Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Bio-Rad Recent Developments/Updates

- Table 28. BD Basic Information, Manufacturing Base and Competitors
- Table 29. BD Major Business
- Table 30. BD Biological Buffers Product and Services
- Table 31. BD Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. BD Recent Developments/Updates
- Table 33. GE Healthcare Basic Information, Manufacturing Base and Competitors
- Table 34. GE Healthcare Major Business
- Table 35. GE Healthcare Biological Buffers Product and Services
- Table 36. GE Healthcare Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. GE Healthcare Recent Developments/Updates
- Table 38. Promega Corporation Basic Information, Manufacturing Base and Competitors
- Table 39. Promega Corporation Major Business
- Table 40. Promega Corporation Biological Buffers Product and Services
- Table 41. Promega Corporation Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Promega Corporation Recent Developments/Updates
- Table 43. Hamilton Company Basic Information, Manufacturing Base and Competitors
- Table 44. Hamilton Company Major Business
- Table 45. Hamilton Company Biological Buffers Product and Services
- Table 46. Hamilton Company Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Hamilton Company Recent Developments/Updates
- Table 48. XZL BIO-TECHNOLOGY Basic Information, Manufacturing Base and Competitors
- Table 49. XZL BIO-TECHNOLOGY Major Business
- Table 50. XZL BIO-TECHNOLOGY Biological Buffers Product and Services
- Table 51. XZL BIO-TECHNOLOGY Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. XZL BIO-TECHNOLOGY Recent Developments/Updates
- Table 53. SRL Basic Information, Manufacturing Base and Competitors
- Table 54. SRL Major Business
- Table 55. SRL Biological Buffers Product and Services
- Table 56. SRL Biological Buffers Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. SRL Recent Developments/Updates
- Table 58. Global Biological Buffers Sales Quantity by Manufacturer (2019-2024) & (K

MT)

Table 59. Global Biological Buffers Revenue by Manufacturer (2019-2024) & (USD Million)

Table 60. Global Biological Buffers Average Price by Manufacturer (2019-2024) & (USD/MT)

Table 61. Market Position of Manufacturers in Biological Buffers, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 62. Head Office and Biological Buffers Production Site of Key Manufacturer

Table 63. Biological Buffers Market: Company Product Type Footprint

Table 64. Biological Buffers Market: Company Product Application Footprint

Table 65. Biological Buffers New Market Entrants and Barriers to Market Entry

Table 66. Biological Buffers Mergers, Acquisition, Agreements, and Collaborations

Table 67. Global Biological Buffers Sales Quantity by Region (2019-2024) & (K MT)

Table 68. Global Biological Buffers Sales Quantity by Region (2025-2030) & (K MT)

Table 69. Global Biological Buffers Consumption Value by Region (2019-2024) & (USD Million)

Table 70. Global Biological Buffers Consumption Value by Region (2025-2030) & (USD Million)

Table 71. Global Biological Buffers Average Price by Region (2019-2024) & (USD/MT)

Table 72. Global Biological Buffers Average Price by Region (2025-2030) & (USD/MT)

Table 73. Global Biological Buffers Sales Quantity by Type (2019-2024) & (K MT)

Table 74. Global Biological Buffers Sales Quantity by Type (2025-2030) & (K MT)

Table 75. Global Biological Buffers Consumption Value by Type (2019-2024) & (USD Million)

Table 76. Global Biological Buffers Consumption Value by Type (2025-2030) & (USD Million)

Table 77. Global Biological Buffers Average Price by Type (2019-2024) & (USD/MT)

Table 78. Global Biological Buffers Average Price by Type (2025-2030) & (USD/MT)

Table 79. Global Biological Buffers Sales Quantity by Application (2019-2024) & (K MT)

Table 80. Global Biological Buffers Sales Quantity by Application (2025-2030) & (K MT)

Table 81. Global Biological Buffers Consumption Value by Application (2019-2024) & (USD Million)

Table 82. Global Biological Buffers Consumption Value by Application (2025-2030) & (USD Million)

Table 83. Global Biological Buffers Average Price by Application (2019-2024) & (USD/MT)

Table 84. Global Biological Buffers Average Price by Application (2025-2030) & (USD/MT)

Table 85. North America Biological Buffers Sales Quantity by Type (2019-2024) & (K

MT)

Table 86. North America Biological Buffers Sales Quantity by Type (2025-2030) & (K MT)

Table 87. North America Biological Buffers Sales Quantity by Application (2019-2024) & (K MT)

Table 88. North America Biological Buffers Sales Quantity by Application (2025-2030) & (K MT)

Table 89. North America Biological Buffers Sales Quantity by Country (2019-2024) & (K MT)

Table 90. North America Biological Buffers Sales Quantity by Country (2025-2030) & (K MT)

Table 91. North America Biological Buffers Consumption Value by Country (2019-2024) & (USD Million)

Table 92. North America Biological Buffers Consumption Value by Country (2025-2030) & (USD Million)

Table 93. Europe Biological Buffers Sales Quantity by Type (2019-2024) & (K MT)

Table 94. Europe Biological Buffers Sales Quantity by Type (2025-2030) & (K MT)

Table 95. Europe Biological Buffers Sales Quantity by Application (2019-2024) & (K MT)

Table 96. Europe Biological Buffers Sales Quantity by Application (2025-2030) & (K MT)

Table 97. Europe Biological Buffers Sales Quantity by Country (2019-2024) & (K MT)

Table 98. Europe Biological Buffers Sales Quantity by Country (2025-2030) & (K MT)

Table 99. Europe Biological Buffers Consumption Value by Country (2019-2024) & (USD Million)

Table 100. Europe Biological Buffers Consumption Value by Country (2025-2030) & (USD Million)

Table 101. Asia-Pacific Biological Buffers Sales Quantity by Type (2019-2024) & (K MT)

Table 102. Asia-Pacific Biological Buffers Sales Quantity by Type (2025-2030) & (K MT)

Table 103. Asia-Pacific Biological Buffers Sales Quantity by Application (2019-2024) & (K MT)

Table 104. Asia-Pacific Biological Buffers Sales Quantity by Application (2025-2030) & (K MT)

Table 105. Asia-Pacific Biological Buffers Sales Quantity by Region (2019-2024) & (K MT)

Table 106. Asia-Pacific Biological Buffers Sales Quantity by Region (2025-2030) & (K MT)

Table 107. Asia-Pacific Biological Buffers Consumption Value by Region (2019-2024) & (USD Million)

Table 108. Asia-Pacific Biological Buffers Consumption Value by Region (2025-2030) & (USD Million)



Table 109. South America Biological Buffers Sales Quantity by Type (2019-2024) & (K MT)

Table 110. South America Biological Buffers Sales Quantity by Type (2025-2030) & (K MT)

Table 111. South America Biological Buffers Sales Quantity by Application (2019-2024) & (K MT)

Table 112. South America Biological Buffers Sales Quantity by Application (2025-2030) & (K MT)

Table 113. South America Biological Buffers Sales Quantity by Country (2019-2024) & (K MT)

Table 114. South America Biological Buffers Sales Quantity by Country (2025-2030) & (K MT)

Table 115. South America Biological Buffers Consumption Value by Country (2019-2024) & (USD Million)

Table 116. South America Biological Buffers Consumption Value by Country (2025-2030) & (USD Million)

Table 117. Middle East & Africa Biological Buffers Sales Quantity by Type (2019-2024) & (K MT)

Table 118. Middle East & Africa Biological Buffers Sales Quantity by Type (2025-2030) & (K MT)

Table 119. Middle East & Africa Biological Buffers Sales Quantity by Application (2019-2024) & (K MT)

Table 120. Middle East & Africa Biological Buffers Sales Quantity by Application (2025-2030) & (K MT)

Table 121. Middle East & Africa Biological Buffers Sales Quantity by Region (2019-2024) & (K MT)

Table 122. Middle East & Africa Biological Buffers Sales Quantity by Region (2025-2030) & (K MT)

Table 123. Middle East & Africa Biological Buffers Consumption Value by Region (2019-2024) & (USD Million)

Table 124. Middle East & Africa Biological Buffers Consumption Value by Region (2025-2030) & (USD Million)

Table 125. Biological Buffers Raw Material

Table 126. Key Manufacturers of Biological Buffers Raw Materials

Table 127. Biological Buffers Typical Distributors

Table 128. Biological Buffers Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Biological Buffers Picture

Figure 2. Global Biological Buffers Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Biological Buffers Consumption Value Market Share by Type in 2023

Figure 4. Phosphates Type Examples

Figure 5. Acetates Type Examples

Figure 6. TRIS Type Examples

Figure 7. Others Examples

Figure 8. Global Biological Buffers Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Biological Buffers Consumption Value Market Share by Application in 2023

Figure 10. Research Institution Examples

Figure 11. Pharmaceutical Industry Examples

Figure 12. Others Examples

Figure 13. Global Biological Buffers Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Biological Buffers Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Biological Buffers Sales Quantity (2019-2030) & (K MT)

Figure 16. Global Biological Buffers Average Price (2019-2030) & (USD/MT)

Figure 17. Global Biological Buffers Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Biological Buffers Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Biological Buffers by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Biological Buffers Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Biological Buffers Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Biological Buffers Sales Quantity Market Share by Region (2019-2030)

Figure 23. Global Biological Buffers Consumption Value Market Share by Region (2019-2030)

Figure 24. North America Biological Buffers Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Biological Buffers Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Biological Buffers Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Biological Buffers Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Biological Buffers Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Biological Buffers Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Biological Buffers Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Biological Buffers Average Price by Type (2019-2030) & (USD/MT)

Figure 32. Global Biological Buffers Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Biological Buffers Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Biological Buffers Average Price by Application (2019-2030) & (USD/MT)

Figure 35. North America Biological Buffers Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Biological Buffers Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Biological Buffers Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Biological Buffers Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Biological Buffers Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Biological Buffers Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Biological Buffers Sales Quantity Market Share by Country (2019-2030)

Figure 45. Europe Biological Buffers Consumption Value Market Share by Country

(2019-2030)

Figure 46. Germany Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Biological Buffers Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Biological Buffers Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Biological Buffers Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Biological Buffers Consumption Value Market Share by Region (2019-2030)

Figure 55. China Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Biological Buffers Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Biological Buffers Sales Quantity Market Share by Application (2019-2030)

Figure 63. South America Biological Buffers Sales Quantity Market Share by Country (2019-2030)

Figure 64. South America Biological Buffers Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Biological Buffers Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Biological Buffers Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Biological Buffers Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Biological Buffers Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Biological Buffers Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Biological Buffers Market Drivers

Figure 76. Biological Buffers Market Restraints

Figure 77. Biological Buffers Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Biological Buffers in 2023

Figure 80. Manufacturing Process Analysis of Biological Buffers

Figure 81. Biological Buffers Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

## I would like to order

Product name: Global Biological Buffers Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GB135D2B667EN.html>

Price: US\$ 3,480.00 (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/GB135D2B667EN.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

