

Global Gases for Food Cryogenic Market Growth 2026-2032

<https://marketpublishers.com/r/G7CCF150F702EN.html>

Date: July 2026

Pages: 124

Price: US\$ 3,660.00 (Single User License)

ID: G7CCF150F702EN

Abstracts

The global Gases for Food Cryogenic market size is predicted to grow from US\$ 3321 million in 2025 to US\$ 4596 million in 2032; it is expected to grow at a CAGR of 4.9% from 2026 to 2032.

Gases for food cryogenic applications refer to low-temperature industrial gases utilized for the rapid freezing, cooling, preservation, and temperature-controlled processing of food products. These gases primarily include liquid nitrogen, liquid carbon dioxide, and their mixtures. Their key characteristics include rapid cooling rates, inert protective properties, the ability to minimize ice crystal damage, and the preservation of food color and texture.

The upstream segment of the industry encompasses air separation, carbon dioxide recovery and purification, cryogenic storage and transport equipment, gas cylinders/storage tanks, valves, and piping systems. Downstream applications span various sectors, including meat and poultry, seafood, frozen foods, baked goods, dairy products, fruits and vegetables, ready-to-eat meals, cold chain logistics, and food packaging preservation.

Globally, the average unit price for food-grade cryogenic gases stands at approximately \$350 per ton, with global sales volumes reaching approximately 9.7 million tons. The industry's annual production capacity ranges between 11.5 million and 13 million tons, maintaining a profit margin of approximately 28%.

Moving forward, the global market for food-grade cryogenic gases is expected to be driven by growing demand for frozen foods, ready-to-eat meals, cold chain distribution, and high-quality food processing. Application scenarios are expanding beyond the

traditional freezing of meat and seafood to encompass ready-to-eat meals, semi-finished baked goods, fruit and vegetable preservation, and central kitchen operations. Food manufacturers are placing increased emphasis on freezing efficiency, nutrient retention, textural consistency, and automated continuous production; consequently, solutions utilizing liquid nitrogen, liquid carbon dioxide, and gas mixtures will become deeply integrated with tunnel freezers, spiral freezers, and intelligent temperature control systems. Simultaneously, imperatives regarding energy conservation, cost reduction, food safety regulations, carbon footprint management, and gas recovery/recycling will drive suppliers to offer more comprehensive packages encompassing gases, equipment, and process-related services. Market competition is expected to increasingly center on capabilities related to stable supply, regional distribution networks, technical application support, and customized solutions.

LP Information, Inc. (LPI) ' newest research report, the "Gases for Food Cryogenic Industry Forecast" looks at past sales and reviews total world Gases for Food Cryogenic sales in 2025, providing a comprehensive analysis by region and market sector of projected Gases for Food Cryogenic sales for 2026 through 2032. With Gases for Food Cryogenic sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Gases for Food Cryogenic industry.

This Insight Report provides a comprehensive analysis of the global Gases for Food Cryogenic landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Gases for Food Cryogenic portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Gases for Food Cryogenic market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Gases for Food Cryogenic and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Gases for Food Cryogenic.

This report presents a comprehensive overview, market shares, and growth opportunities of Gases for Food Cryogenic market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Liquid Nitrogen

Liquid Carbon Dioxide

Dry Ice

Nitrogen Gas

Carbon Dioxide Gas

Nitrogen and Carbon Dioxide Mixture

Segmentation by Freezing Process:

Tunnel Freezing

Spiral Freezing

Immersion Freezing

Spray Freezing

Segmentation by Food Category:

Meat and Poultry

Seafood and Aquatic Products

Fruits and Vegetables

Bakery and Pastry Products

Dairy Products

Prepared Meals

Frozen Desserts

Segmentation by Application:

Food Processing Plants

Frozen Food Manufacturers

Meat Processing Companies

Seafood Processing Companies

Bakery Manufacturers

Central Kitchens

Cold Chain Logistics Providers

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Air Liquide

Linde

Airgas

WestAir

Air Products and Chemicals

OXIGEN salud

Messer

MATHESON

Nippon Gases

Sains Gas

Nippon Sanso

Key Questions Addressed in this Report

What is the 10-year outlook for the global Gases for Food Cryogenic market?

What factors are driving Gases for Food Cryogenic market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Gases for Food Cryogenic market opportunities vary by end market size?

How does Gases for Food Cryogenic break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Gases for Food Cryogenic Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Gases for Food Cryogenic by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Gases for Food Cryogenic by Country/Region, 2021, 2025 & 2032
- 2.2 Gases for Food Cryogenic Segment by Type
 - 2.2.1 Liquid Nitrogen
 - 2.2.2 Liquid Carbon Dioxide
 - 2.2.3 Dry Ice
 - 2.2.4 Nitrogen Gas
 - 2.2.5 Carbon Dioxide Gas
 - 2.2.6 Nitrogen and Carbon Dioxide Mixture
 - 2.2.7 Gases for Food Cryogenic Sales by Type
 - 2.2.7.1 Global Gases for Food Cryogenic Sales Market Share by Type (2021-2026)
 - 2.2.7.2 Global Gases for Food Cryogenic Revenue and Market Share by Type (2021-2026)
 - 2.2.7.3 Global Gases for Food Cryogenic Sale Price by Type (2021-2026)
- 2.3 Gases for Food Cryogenic Segment by Freezing Process
 - 2.3.1 Tunnel Freezing
 - 2.3.2 Spiral Freezing
 - 2.3.3 Immersion Freezing
 - 2.3.4 Spray Freezing
 - 2.3.5 Gases for Food Cryogenic Sales by Freezing Process

2.3.5.1 Global Gases for Food Cryogenic Sales Market Share by Freezing Process (2021-2026)

2.3.5.2 Global Gases for Food Cryogenic Revenue and Market Share by Freezing Process (2021-2026)

2.3.5.3 Global Gases for Food Cryogenic Sale Price by Freezing Process (2021-2026)

2.4 Gases for Food Cryogenic Segment by Food Category

2.4.1 Meat and Poultry

2.4.2 Seafood and Aquatic Products

2.4.3 Fruits and Vegetables

2.4.4 Bakery and Pastry Products

2.4.5 Dairy Products

2.4.6 Prepared Meals

2.4.7 Frozen Desserts

2.4.8 Gases for Food Cryogenic Sales by Food Category

2.4.8.1 Global Gases for Food Cryogenic Sales Market Share by Food Category (2021-2026)

2.4.8.2 Global Gases for Food Cryogenic Revenue and Market Share by Food Category (2021-2026)

2.4.8.3 Global Gases for Food Cryogenic Sale Price by Food Category (2021-2026)

2.5 Gases for Food Cryogenic Segment by Application

2.5.1 Food Processing Plants

2.5.2 Frozen Food Manufacturers

2.5.3 Meat Processing Companies

2.5.4 Seafood Processing Companies

2.5.5 Bakery Manufacturers

2.5.6 Central Kitchens

2.5.7 Cold Chain Logistics Providers

2.5.8 Gases for Food Cryogenic Sales by Application

2.5.8.1 Global Gases for Food Cryogenic Sale Market Share by Application (2021-2026)

2.5.8.2 Global Gases for Food Cryogenic Revenue and Market Share by Application (2021-2026)

2.5.8.3 Global Gases for Food Cryogenic Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Gases for Food Cryogenic Breakdown Data by Company

3.1.1 Global Gases for Food Cryogenic Annual Sales by Company (2021-2026)

- 3.1.2 Global Gases for Food Cryogenic Sales Market Share by Company (2021-2026)
- 3.2 Global Gases for Food Cryogenic Annual Revenue by Company (2021-2026)
 - 3.2.1 Global Gases for Food Cryogenic Revenue by Company (2021-2026)
 - 3.2.2 Global Gases for Food Cryogenic Revenue Market Share by Company (2021-2026)
- 3.3 Global Gases for Food Cryogenic Sale Price by Company
- 3.4 Key Manufacturers Gases for Food Cryogenic Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Gases for Food Cryogenic Product Location Distribution
 - 3.4.2 Players Gases for Food Cryogenic Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR GASES FOR FOOD CRYOGENIC BY GEOGRAPHIC REGION

- 4.1 World Historic Gases for Food Cryogenic Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Gases for Food Cryogenic Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Gases for Food Cryogenic Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Gases for Food Cryogenic Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Gases for Food Cryogenic Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Gases for Food Cryogenic Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Gases for Food Cryogenic Sales Growth
- 4.4 APAC Gases for Food Cryogenic Sales Growth
- 4.5 Europe Gases for Food Cryogenic Sales Growth
- 4.6 Middle East & Africa Gases for Food Cryogenic Sales Growth

5 AMERICAS

- 5.1 Americas Gases for Food Cryogenic Sales by Country
 - 5.1.1 Americas Gases for Food Cryogenic Sales by Country (2021-2026)

- 5.1.2 Americas Gases for Food Cryogenic Revenue by Country (2021-2026)
- 5.2 Americas Gases for Food Cryogenic Sales by Type (2021-2026)
- 5.3 Americas Gases for Food Cryogenic Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Gases for Food Cryogenic Sales by Region
 - 6.1.1 APAC Gases for Food Cryogenic Sales by Region (2021-2026)
 - 6.1.2 APAC Gases for Food Cryogenic Revenue by Region (2021-2026)
- 6.2 APAC Gases for Food Cryogenic Sales by Type (2021-2026)
- 6.3 APAC Gases for Food Cryogenic Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Gases for Food Cryogenic by Country
 - 7.1.1 Europe Gases for Food Cryogenic Sales by Country (2021-2026)
 - 7.1.2 Europe Gases for Food Cryogenic Revenue by Country (2021-2026)
- 7.2 Europe Gases for Food Cryogenic Sales by Type (2021-2026)
- 7.3 Europe Gases for Food Cryogenic Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Gases for Food Cryogenic by Country

- 8.1.1 Middle East & Africa Gases for Food Cryogenic Sales by Country (2021-2026)
- 8.1.2 Middle East & Africa Gases for Food Cryogenic Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Gases for Food Cryogenic Sales by Type (2021-2026)
- 8.3 Middle East & Africa Gases for Food Cryogenic Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Gases for Food Cryogenic
- 10.3 Manufacturing Process Analysis of Gases for Food Cryogenic
- 10.4 Industry Chain Structure of Gases for Food Cryogenic

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Gases for Food Cryogenic Distributors
- 11.3 Gases for Food Cryogenic Customer

12 WORLD FORECAST REVIEW FOR GASES FOR FOOD CRYOGENIC BY GEOGRAPHIC REGION

- 12.1 Global Gases for Food Cryogenic Market Size Forecast by Region
 - 12.1.1 Global Gases for Food Cryogenic Forecast by Region (2027-2032)
 - 12.1.2 Global Gases for Food Cryogenic Annual Revenue Forecast by Region (2027-2032)

- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Gases for Food Cryogenic Forecast by Type (2027-2032)
- 12.7 Global Gases for Food Cryogenic Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Air Liquide

- 13.1.1 Air Liquide Company Information
- 13.1.2 Air Liquide Gases for Food Cryogenic Product Portfolios and Specifications
- 13.1.3 Air Liquide Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.1.4 Air Liquide Main Business Overview
- 13.1.5 Air Liquide Latest Developments

13.2 Linde

- 13.2.1 Linde Company Information
- 13.2.2 Linde Gases for Food Cryogenic Product Portfolios and Specifications
- 13.2.3 Linde Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.2.4 Linde Main Business Overview
- 13.2.5 Linde Latest Developments

13.3 Airgas

- 13.3.1 Airgas Company Information
- 13.3.2 Airgas Gases for Food Cryogenic Product Portfolios and Specifications
- 13.3.3 Airgas Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.3.4 Airgas Main Business Overview
- 13.3.5 Airgas Latest Developments

13.4 WestAir

- 13.4.1 WestAir Company Information
- 13.4.2 WestAir Gases for Food Cryogenic Product Portfolios and Specifications
- 13.4.3 WestAir Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.4.4 WestAir Main Business Overview
- 13.4.5 WestAir Latest Developments

13.5 Air Products and Chemicals

- 13.5.1 Air Products and Chemicals Company Information

13.5.2 Air Products and Chemicals Gases for Food Cryogenic Product Portfolios and Specifications

13.5.3 Air Products and Chemicals Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Air Products and Chemicals Main Business Overview

13.5.5 Air Products and Chemicals Latest Developments

13.6 OXIGEN salud

13.6.1 OXIGEN salud Company Information

13.6.2 OXIGEN salud Gases for Food Cryogenic Product Portfolios and Specifications

13.6.3 OXIGEN salud Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 OXIGEN salud Main Business Overview

13.6.5 OXIGEN salud Latest Developments

13.7 Messer

13.7.1 Messer Company Information

13.7.2 Messer Gases for Food Cryogenic Product Portfolios and Specifications

13.7.3 Messer Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Messer Main Business Overview

13.7.5 Messer Latest Developments

13.8 MATHESON

13.8.1 MATHESON Company Information

13.8.2 MATHESON Gases for Food Cryogenic Product Portfolios and Specifications

13.8.3 MATHESON Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 MATHESON Main Business Overview

13.8.5 MATHESON Latest Developments

13.9 Nippon Gases

13.9.1 Nippon Gases Company Information

13.9.2 Nippon Gases Gases for Food Cryogenic Product Portfolios and Specifications

13.9.3 Nippon Gases Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Nippon Gases Main Business Overview

13.9.5 Nippon Gases Latest Developments

13.10 Sains Gas

13.10.1 Sains Gas Company Information

13.10.2 Sains Gas Gases for Food Cryogenic Product Portfolios and Specifications

13.10.3 Sains Gas Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Sains Gas Main Business Overview

13.10.5 Sains Gas Latest Developments

13.11 Nippon Sanso

13.11.1 Nippon Sanso Company Information

13.11.2 Nippon Sanso Gases for Food Cryogenic Product Portfolios and Specifications

13.11.3 Nippon Sanso Gases for Food Cryogenic Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Nippon Sanso Main Business Overview

13.11.5 Nippon Sanso Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Gases for Food Cryogenic Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Gases for Food Cryogenic Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Liquid Nitrogen

Table 4. Major Players of Liquid Carbon Dioxide

Table 5. Major Players of Dry Ice

Table 6. Major Players of Nitrogen Gas

Table 7. Major Players of Carbon Dioxide Gas

Table 8. Major Players of Nitrogen and Carbon Dioxide Mixture

Table 9. Global Gases for Food Cryogenic Sales by Type (2021-2026) & (Tons)

Table 10. Global Gases for Food Cryogenic Sales Market Share by Type (2021-2026)

Table 11. Global Gases for Food Cryogenic Revenue by Type (2021-2026) & (\$ million)

Table 12. Global Gases for Food Cryogenic Revenue Market Share by Type (2021-2026)

Table 13. Global Gases for Food Cryogenic Sale Price by Type (2021-2026) & (US\$/Ton)

Table 14. Major Players of Tunnel Freezing

Table 15. Major Players of Spiral Freezing

Table 16. Major Players of Immersion Freezing

Table 17. Major Players of Spray Freezing

Table 18. Global Gases for Food Cryogenic Sales by Freezing Process (2021-2026) & (Tons)

Table 19. Global Gases for Food Cryogenic Sales Market Share by Freezing Process (2021-2026)

Table 20. Global Gases for Food Cryogenic Revenue by Freezing Process (2021-2026) & (\$ million)

Table 21. Global Gases for Food Cryogenic Revenue Market Share by Freezing Process (2021-2026)

Table 22. Global Gases for Food Cryogenic Sale Price by Freezing Process (2021-2026) & (US\$/Ton)

Table 23. Major Players of Meat and Poultry

Table 24. Major Players of Seafood and Aquatic Products

Table 25. Major Players of Fruits and Vegetables

Table 26. Major Players of Bakery and Pastry Products

Table 27. Major Players of Dairy Products
Table 28. Major Players of Prepared Meals
Table 29. Major Players of Frozen Desserts
Table 30. Global Gases for Food Cryogenic Sales by Food Category (2021-2026) & (Tons)
Table 31. Global Gases for Food Cryogenic Sales Market Share by Food Category (2021-2026)
Table 32. Global Gases for Food Cryogenic Revenue by Food Category (2021-2026) & (\$ million)
Table 33. Global Gases for Food Cryogenic Revenue Market Share by Food Category (2021-2026)
Table 34. Global Gases for Food Cryogenic Sale Price by Food Category (2021-2026) & (US\$/Ton)
Table 35. Global Gases for Food Cryogenic Sale by Application (2021-2026) & (Tons)
Table 36. Global Gases for Food Cryogenic Sale Market Share by Application (2021-2026)
Table 37. Global Gases for Food Cryogenic Revenue by Application (2021-2026) & (\$ million)
Table 38. Global Gases for Food Cryogenic Revenue Market Share by Application (2021-2026)
Table 39. Global Gases for Food Cryogenic Sale Price by Application (2021-2026) & (US\$/Ton)
Table 40. Global Gases for Food Cryogenic Sales by Company (2021-2026) & (Tons)
Table 41. Global Gases for Food Cryogenic Sales Market Share by Company (2021-2026)
Table 42. Global Gases for Food Cryogenic Revenue by Company (2021-2026) & (\$ millions)
Table 43. Global Gases for Food Cryogenic Revenue Market Share by Company (2021-2026)
Table 44. Global Gases for Food Cryogenic Sale Price by Company (2021-2026) & (US\$/Ton)
Table 45. Key Manufacturers Gases for Food Cryogenic Producing Area Distribution and Sales Area
Table 46. Players Gases for Food Cryogenic Products Offered
Table 47. Gases for Food Cryogenic Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 48. New Products and Potential Entrants
Table 49. Market M&A Activity & Strategy
Table 50. Global Gases for Food Cryogenic Sales by Geographic Region (2021-2026) &

(Tons)

Table 51. Global Gases for Food Cryogenic Sales Market Share Geographic Region (2021-2026)

Table 52. Global Gases for Food Cryogenic Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 53. Global Gases for Food Cryogenic Revenue Market Share by Geographic Region (2021-2026)

Table 54. Global Gases for Food Cryogenic Sales by Country/Region (2021-2026) & (Tons)

Table 55. Global Gases for Food Cryogenic Sales Market Share by Country/Region (2021-2026)

Table 56. Global Gases for Food Cryogenic Revenue by Country/Region (2021-2026) & (\$ millions)

Table 57. Global Gases for Food Cryogenic Revenue Market Share by Country/Region (2021-2026)

Table 58. Americas Gases for Food Cryogenic Sales by Country (2021-2026) & (Tons)

Table 59. Americas Gases for Food Cryogenic Sales Market Share by Country (2021-2026)

Table 60. Americas Gases for Food Cryogenic Revenue by Country (2021-2026) & (\$ millions)

Table 61. Americas Gases for Food Cryogenic Sales by Type (2021-2026) & (Tons)

Table 62. Americas Gases for Food Cryogenic Sales by Application (2021-2026) & (Tons)

Table 63. APAC Gases for Food Cryogenic Sales by Region (2021-2026) & (Tons)

Table 64. APAC Gases for Food Cryogenic Sales Market Share by Region (2021-2026)

Table 65. APAC Gases for Food Cryogenic Revenue by Region (2021-2026) & (\$ millions)

Table 66. APAC Gases for Food Cryogenic Sales by Type (2021-2026) & (Tons)

Table 67. APAC Gases for Food Cryogenic Sales by Application (2021-2026) & (Tons)

Table 68. Europe Gases for Food Cryogenic Sales by Country (2021-2026) & (Tons)

Table 69. Europe Gases for Food Cryogenic Revenue by Country (2021-2026) & (\$ millions)

Table 70. Europe Gases for Food Cryogenic Sales by Type (2021-2026) & (Tons)

Table 71. Europe Gases for Food Cryogenic Sales by Application (2021-2026) & (Tons)

Table 72. Middle East & Africa Gases for Food Cryogenic Sales by Country (2021-2026) & (Tons)

Table 73. Middle East & Africa Gases for Food Cryogenic Revenue Market Share by Country (2021-2026)

Table 74. Middle East & Africa Gases for Food Cryogenic Sales by Type (2021-2026) &

(Tons)

Table 75. Middle East & Africa Gases for Food Cryogenic Sales by Application (2021-2026) & (Tons)

Table 76. Key Market Drivers & Growth Opportunities of Gases for Food Cryogenic

Table 77. Key Market Challenges & Risks of Gases for Food Cryogenic

Table 78. Key Industry Trends of Gases for Food Cryogenic

Table 79. Gases for Food Cryogenic Raw Material

Table 80. Key Suppliers of Raw Materials

Table 81. Gases for Food Cryogenic Distributors List

Table 82. Gases for Food Cryogenic Customer List

Table 83. Global Gases for Food Cryogenic Sales Forecast by Region (2027-2032) & (Tons)

Table 84. Global Gases for Food Cryogenic Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 85. Americas Gases for Food Cryogenic Sales Forecast by Country (2027-2032) & (Tons)

Table 86. Americas Gases for Food Cryogenic Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 87. APAC Gases for Food Cryogenic Sales Forecast by Region (2027-2032) & (Tons)

Table 88. APAC Gases for Food Cryogenic Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 89. Europe Gases for Food Cryogenic Sales Forecast by Country (2027-2032) & (Tons)

Table 90. Europe Gases for Food Cryogenic Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 91. Middle East & Africa Gases for Food Cryogenic Sales Forecast by Country (2027-2032) & (Tons)

Table 92. Middle East & Africa Gases for Food Cryogenic Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 93. Global Gases for Food Cryogenic Sales Forecast by Type (2027-2032) & (Tons)

Table 94. Global Gases for Food Cryogenic Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 95. Global Gases for Food Cryogenic Sales Forecast by Application (2027-2032) & (Tons)

Table 96. Global Gases for Food Cryogenic Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 97. Air Liquide Basic Information, Gases for Food Cryogenic Manufacturing Base,

Sales Area and Its Competitors

Table 98. Air Liquide Gases for Food Cryogenic Product Portfolios and Specifications

Table 99. Air Liquide Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 100. Air Liquide Main Business

Table 101. Air Liquide Latest Developments

Table 102. Linde Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 103. Linde Gases for Food Cryogenic Product Portfolios and Specifications

Table 104. Linde Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 105. Linde Main Business

Table 106. Linde Latest Developments

Table 107. Airgas Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 108. Airgas Gases for Food Cryogenic Product Portfolios and Specifications

Table 109. Airgas Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 110. Airgas Main Business

Table 111. Airgas Latest Developments

Table 112. WestAir Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 113. WestAir Gases for Food Cryogenic Product Portfolios and Specifications

Table 114. WestAir Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 115. WestAir Main Business

Table 116. WestAir Latest Developments

Table 117. Air Products and Chemicals Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 118. Air Products and Chemicals Gases for Food Cryogenic Product Portfolios and Specifications

Table 119. Air Products and Chemicals Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 120. Air Products and Chemicals Main Business

Table 121. Air Products and Chemicals Latest Developments

Table 122. OXIGEN salud Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 123. OXIGEN salud Gases for Food Cryogenic Product Portfolios and Specifications

Table 124. OXIGEN salud Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 125. OXIGEN salud Main Business

Table 126. OXIGEN salud Latest Developments

Table 127. Messer Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 128. Messer Gases for Food Cryogenic Product Portfolios and Specifications

Table 129. Messer Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 130. Messer Main Business

Table 131. Messer Latest Developments

Table 132. MATHESON Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 133. MATHESON Gases for Food Cryogenic Product Portfolios and Specifications

Table 134. MATHESON Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 135. MATHESON Main Business

Table 136. MATHESON Latest Developments

Table 137. Nippon Gases Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 138. Nippon Gases Gases for Food Cryogenic Product Portfolios and Specifications

Table 139. Nippon Gases Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 140. Nippon Gases Main Business

Table 141. Nippon Gases Latest Developments

Table 142. Sains Gas Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 143. Sains Gas Gases for Food Cryogenic Product Portfolios and Specifications

Table 144. Sains Gas Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 145. Sains Gas Main Business

Table 146. Sains Gas Latest Developments

Table 147. Nippon Sanso Basic Information, Gases for Food Cryogenic Manufacturing Base, Sales Area and Its Competitors

Table 148. Nippon Sanso Gases for Food Cryogenic Product Portfolios and Specifications

Table 149. Nippon Sanso Gases for Food Cryogenic Sales (Tons), Revenue (\$ Million),

Price (US\$/Ton) and Gross Margin (2021-2026)

Table 150. Nippon Sanso Main Business

Table 151. Nippon Sanso Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Gases for Food Cryogenic
- Figure 2. Gases for Food Cryogenic Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Gases for Food Cryogenic Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Gases for Food Cryogenic Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Gases for Food Cryogenic Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Gases for Food Cryogenic Sales Market Share by Country/Region (2025)
- Figure 10. Gases for Food Cryogenic Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Liquid Nitrogen
- Figure 12. Product Picture of Liquid Carbon Dioxide
- Figure 13. Product Picture of Dry Ice
- Figure 14. Product Picture of Nitrogen Gas
- Figure 15. Product Picture of Carbon Dioxide Gas
- Figure 16. Product Picture of Nitrogen and Carbon Dioxide Mixture
- Figure 17. Global Gases for Food Cryogenic Sales Market Share by Type in 2026
- Figure 18. Global Gases for Food Cryogenic Revenue Market Share by Type (2021-2026)
- Figure 19. Product Picture of Tunnel Freezing
- Figure 20. Product Picture of Spiral Freezing
- Figure 21. Product Picture of Immersion Freezing
- Figure 22. Product Picture of Spray Freezing
- Figure 23. Global Gases for Food Cryogenic Sales Market Share by Freezing Process in 2026
- Figure 24. Global Gases for Food Cryogenic Revenue Market Share by Freezing Process (2021-2026)
- Figure 25. Product Picture of Meat and Poultry
- Figure 26. Product Picture of Seafood and Aquatic Products
- Figure 27. Product Picture of Fruits and Vegetables
- Figure 28. Product Picture of Bakery and Pastry Products
- Figure 29. Product Picture of Dairy Products

Figure 30. Product Picture of Prepared Meals

Figure 31. Product Picture of Frozen Desserts

Figure 32. Global Gases for Food Cryogenic Sales Market Share by Food Category in 2026

Figure 33. Global Gases for Food Cryogenic Revenue Market Share by Food Category (2021-2026)

Figure 34. Gases for Food Cryogenic Consumed in Food Processing Plants

Figure 35. Global Gases for Food Cryogenic Market: Food Processing Plants (2021-2026) & (Tons)

Figure 36. Gases for Food Cryogenic Consumed in Frozen Food Manufacturers

Figure 37. Global Gases for Food Cryogenic Market: Frozen Food Manufacturers (2021-2026) & (Tons)

Figure 38. Gases for Food Cryogenic Consumed in Meat Processing Companies

Figure 39. Global Gases for Food Cryogenic Market: Meat Processing Companies (2021-2026) & (Tons)

Figure 40. Gases for Food Cryogenic Consumed in Seafood Processing Companies

Figure 41. Global Gases for Food Cryogenic Market: Seafood Processing Companies (2021-2026) & (Tons)

Figure 42. Gases for Food Cryogenic Consumed in Bakery Manufacturers

Figure 43. Global Gases for Food Cryogenic Market: Bakery Manufacturers (2021-2026) & (Tons)

Figure 44. Gases for Food Cryogenic Consumed in Central Kitchens

Figure 45. Global Gases for Food Cryogenic Market: Central Kitchens (2021-2026) & (Tons)

Figure 46. Gases for Food Cryogenic Consumed in Cold Chain Logistics Providers

Figure 47. Global Gases for Food Cryogenic Market: Cold Chain Logistics Providers (2021-2026) & (Tons)

Figure 48. Global Gases for Food Cryogenic Sale Market Share by Application (2025)

Figure 49. Global Gases for Food Cryogenic Revenue Market Share by Application in 2025

Figure 50. Gases for Food Cryogenic Sales by Company in 2025 (Tons)

Figure 51. Global Gases for Food Cryogenic Sales Market Share by Company in 2025

Figure 52. Gases for Food Cryogenic Revenue by Company in 2025 (\$ millions)

Figure 53. Global Gases for Food Cryogenic Revenue Market Share by Company in 2025

Figure 54. Global Gases for Food Cryogenic Sales Market Share by Geographic Region (2021-2026)

Figure 55. Global Gases for Food Cryogenic Revenue Market Share by Geographic Region in 2025

- Figure 56. Americas Gases for Food Cryogenic Sales 2021-2026 (Tons)
- Figure 57. Americas Gases for Food Cryogenic Revenue 2021-2026 (\$ millions)
- Figure 58. APAC Gases for Food Cryogenic Sales 2021-2026 (Tons)
- Figure 59. APAC Gases for Food Cryogenic Revenue 2021-2026 (\$ millions)
- Figure 60. Europe Gases for Food Cryogenic Sales 2021-2026 (Tons)
- Figure 61. Europe Gases for Food Cryogenic Revenue 2021-2026 (\$ millions)
- Figure 62. Middle East & Africa Gases for Food Cryogenic Sales 2021-2026 (Tons)
- Figure 63. Middle East & Africa Gases for Food Cryogenic Revenue 2021-2026 (\$ millions)
- Figure 64. Americas Gases for Food Cryogenic Sales Market Share by Country in 2025
- Figure 65. Americas Gases for Food Cryogenic Revenue Market Share by Country (2021-2026)
- Figure 66. Americas Gases for Food Cryogenic Sales Market Share by Type (2021-2026)
- Figure 67. Americas Gases for Food Cryogenic Sales Market Share by Application (2021-2026)
- Figure 68. United States Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 69. Canada Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 70. Mexico Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 71. Brazil Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 72. APAC Gases for Food Cryogenic Sales Market Share by Region in 2025
- Figure 73. APAC Gases for Food Cryogenic Revenue Market Share by Region (2021-2026)
- Figure 74. APAC Gases for Food Cryogenic Sales Market Share by Type (2021-2026)
- Figure 75. APAC Gases for Food Cryogenic Sales Market Share by Application (2021-2026)
- Figure 76. China Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 77. Japan Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 78. South Korea Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 79. Southeast Asia Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 80. India Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 81. Australia Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 82. China Taiwan Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)
- Figure 83. Europe Gases for Food Cryogenic Sales Market Share by Country in 2025
- Figure 84. Europe Gases for Food Cryogenic Revenue Market Share by Country

(2021-2026)

Figure 85. Europe Gases for Food Cryogenic Sales Market Share by Type (2021-2026)

Figure 86. Europe Gases for Food Cryogenic Sales Market Share by Application (2021-2026)

Figure 87. Germany Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 88. France Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 89. UK Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 90. Italy Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 91. Russia Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 92. Middle East & Africa Gases for Food Cryogenic Sales Market Share by Country (2021-2026)

Figure 93. Middle East & Africa Gases for Food Cryogenic Sales Market Share by Type (2021-2026)

Figure 94. Middle East & Africa Gases for Food Cryogenic Sales Market Share by Application (2021-2026)

Figure 95. Egypt Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 96. South Africa Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 97. Israel Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 98. Turkey Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 99. GCC Countries Gases for Food Cryogenic Revenue Growth 2021-2026 (\$ millions)

Figure 100. Manufacturing Cost Structure Analysis of Gases for Food Cryogenic in 2026

Figure 101. Manufacturing Process Analysis of Gases for Food Cryogenic

Figure 102. Industry Chain Structure of Gases for Food Cryogenic

Figure 103. Channels of Distribution

Figure 104. Global Gases for Food Cryogenic Sales Market Forecast by Region (2027-2032)

Figure 105. Global Gases for Food Cryogenic Revenue Market Share Forecast by Region (2027-2032)

Figure 106. Global Gases for Food Cryogenic Sales Market Share Forecast by Type (2027-2032)

Figure 107. Global Gases for Food Cryogenic Revenue Market Share Forecast by Type (2027-2032)

Figure 108. Global Gases for Food Cryogenic Sales Market Share Forecast by Application (2027-2032)

Figure 109. Global Gases for Food Cryogenic Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Gases for Food Cryogenic Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G7CCF150F702EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7CCF150F702EN.html>