

# Global High Purity NF3 Market Insights, Forecast to 2029

https://marketpublishers.com/r/G67098D77065EN.html

Date: December 2023

Pages: 96

Price: US\$ 4,900.00 (Single User License)

ID: G67098D77065EN

# **Abstracts**

This report presents an overview of global market for High Purity NF3, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue/sales data for 2018 - 2022, estimates for 2023, and projections of CAGR through 2029.

This report researches the key producers of High Purity NF3, also provides the consumption of main regions and countries. Highlights of the upcoming market potential for High Purity NF3, and key regions/countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the High Purity NF3 sales, revenue, market share and industry ranking of main manufacturers, data from 2018 to 2023. Identification of the major stakeholders in the global High Purity NF3 market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2018 to 2029. Evaluation and forecast the market size for High Purity NF3 sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including SK Materials,



Hyosung, Versum Materials, Kanto Denka Kogyo, Mitsui Chemical, The 718th Research Institute of CSSC (PERIC), Liming Research Institute of Chemical Industry and Shandong Feiyuan Gas, etc.

# Segment by Application

Semiconductor

NF3 ?99.995%

Flat Panel Display



Solar Industry		
Others		
Production by Region		
Troduction by Region		
South Korea		
China		
Japan		
United States		
Sales by Region		
US & Canada		
U.S.		
Canada		
China		
Asia (excluding China)		
Japan		
South Korea		
China Taiwan		
Southeast Asia		
India		



Europe		
	Germany	
	France	
	U.K.	
	Italy	
	Russia	
Middle East, Africa, Latin America		
	Brazil	
	Mexico	
	Turkey	
	Israel	
	GCC Countries	

# **Chapter Outline**

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by Type and by Application, etc.), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: High Purity NF3 production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production and development potential of each producer in the next six years.

Chapter 3: Sales (consumption), revenue of High Purity NF3 in global, regional level and country level. It provides a quantitative analysis of the market size and development



potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 4: Detailed analysis of High Purity NF3 manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: North America (US & Canada) by type, by application and by country, sales and revenue for each segment.

Chapter 8: Europe by type, by application and by country, sales and revenue for each segment.

Chapter 9: China by type and by application sales and revenue for each segment.

Chapter 10: Asia (excluding China) by type, by application and by region, sales and revenue for each segment.

Chapter 11: Middle East, Africa, Latin America by type, by application and by country, sales and revenue for each segment.

Chapter 12: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, High Purity NF3 sales, revenue, price, gross margin, and recent development, etc.

Chapter 13: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 14: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by



manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 15: The main points and conclusions of the report.



# **Contents**

#### 1 STUDY COVERAGE

- 1.1 High Purity NF3 Product Introduction
- 1.2 Market by Type
  - 1.2.1 Global High Purity NF3 Market Size by Type, 2018 VS 2022 VS 2029
  - 1.2.2 NF3 ?99.9%
  - 1.2.3 NF3 ?99.98%
  - 1.2.4 NF3 ?99.99%
  - 1.2.5 NF3 ?99.995%
- 1.3 Market by Application
  - 1.3.1 Global High Purity NF3 Market Size by Application, 2018 VS 2022 VS 2029
  - 1.3.2 Semiconductor
  - 1.3.3 Flat Panel Display
  - 1.3.4 Solar Industry
  - 1.3.5 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Objectives
- 1.6 Years Considered

#### **2 GLOBAL HIGH PURITY NF3 PRODUCTION**

- 2.1 Global High Purity NF3 Production Capacity (2018-2029)
- 2.2 Global High Purity NF3 Production by Region: 2018 VS 2022 VS 2029
- 2.3 Global High Purity NF3 Production by Region
  - 2.3.1 Global High Purity NF3 Historic Production by Region (2018-2023)
  - 2.3.2 Global High Purity NF3 Forecasted Production by Region (2024-2029)
  - 2.3.3 Global High Purity NF3 Production Market Share by Region (2018-2029)
- 2.4 South Korea
- 2.5 China
- 2.6 Japan
- 2.7 United States

# **3 EXECUTIVE SUMMARY**

- 3.1 Global High Purity NF3 Revenue Estimates and Forecasts 2018-2029
- 3.2 Global High Purity NF3 Revenue by Region
  - 3.2.1 Global High Purity NF3 Revenue by Region: 2018 VS 2022 VS 2029



- 3.2.2 Global High Purity NF3 Revenue by Region (2018-2023)
- 3.2.3 Global High Purity NF3 Revenue by Region (2024-2029)
- 3.2.4 Global High Purity NF3 Revenue Market Share by Region (2018-2029)
- 3.3 Global High Purity NF3 Sales Estimates and Forecasts 2018-2029
- 3.4 Global High Purity NF3 Sales by Region
  - 3.4.1 Global High Purity NF3 Sales by Region: 2018 VS 2022 VS 2029
  - 3.4.2 Global High Purity NF3 Sales by Region (2018-2023)
  - 3.4.3 Global High Purity NF3 Sales by Region (2024-2029)
  - 3.4.4 Global High Purity NF3 Sales Market Share by Region (2018-2029)
- 3.5 US & Canada
- 3.6 Europe
- 3.7 China
- 3.8 Asia (excluding China)
- 3.9 Middle East, Africa and Latin America

#### **4 COMPETITION BY MANUFACTURES**

- 4.1 Global High Purity NF3 Sales by Manufacturers
  - 4.1.1 Global High Purity NF3 Sales by Manufacturers (2018-2023)
  - 4.1.2 Global High Purity NF3 Sales Market Share by Manufacturers (2018-2023)
  - 4.1.3 Global Top 10 and Top 5 Largest Manufacturers of High Purity NF3 in 2022
- 4.2 Global High Purity NF3 Revenue by Manufacturers
  - 4.2.1 Global High Purity NF3 Revenue by Manufacturers (2018-2023)
- 4.2.2 Global High Purity NF3 Revenue Market Share by Manufacturers (2018-2023)
- 4.2.3 Global Top 10 and Top 5 Companies by High Purity NF3 Revenue in 2022
- 4.3 Global High Purity NF3 Sales Price by Manufacturers
- 4.4 Global Key Players of High Purity NF3, Industry Ranking, 2021 VS 2022 VS 2023
- 4.5 Analysis of Competitive Landscape
  - 4.5.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
- 4.5.2 Global High Purity NF3 Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 4.6 Global Key Manufacturers of High Purity NF3, Manufacturing Base Distribution and Headquarters
- 4.7 Global Key Manufacturers of High Purity NF3, Product Offered and Application
- 4.8 Global Key Manufacturers of High Purity NF3, Date of Enter into This Industry
- 4.9 Mergers & Acquisitions, Expansion Plans

#### **5 MARKET SIZE BY TYPE**



- 5.1 Global High Purity NF3 Sales by Type
  - 5.1.1 Global High Purity NF3 Historical Sales by Type (2018-2023)
  - 5.1.2 Global High Purity NF3 Forecasted Sales by Type (2024-2029)
  - 5.1.3 Global High Purity NF3 Sales Market Share by Type (2018-2029)
- 5.2 Global High Purity NF3 Revenue by Type
  - 5.2.1 Global High Purity NF3 Historical Revenue by Type (2018-2023)
  - 5.2.2 Global High Purity NF3 Forecasted Revenue by Type (2024-2029)
  - 5.2.3 Global High Purity NF3 Revenue Market Share by Type (2018-2029)
- 5.3 Global High Purity NF3 Price by Type
  - 5.3.1 Global High Purity NF3 Price by Type (2018-2023)
  - 5.3.2 Global High Purity NF3 Price Forecast by Type (2024-2029)

## **6 MARKET SIZE BY APPLICATION**

- 6.1 Global High Purity NF3 Sales by Application
  - 6.1.1 Global High Purity NF3 Historical Sales by Application (2018-2023)
  - 6.1.2 Global High Purity NF3 Forecasted Sales by Application (2024-2029)
  - 6.1.3 Global High Purity NF3 Sales Market Share by Application (2018-2029)
- 6.2 Global High Purity NF3 Revenue by Application
  - 6.2.1 Global High Purity NF3 Historical Revenue by Application (2018-2023)
  - 6.2.2 Global High Purity NF3 Forecasted Revenue by Application (2024-2029)
  - 6.2.3 Global High Purity NF3 Revenue Market Share by Application (2018-2029)
- 6.3 Global High Purity NF3 Price by Application
  - 6.3.1 Global High Purity NF3 Price by Application (2018-2023)
  - 6.3.2 Global High Purity NF3 Price Forecast by Application (2024-2029)

## 7 US & CANADA

- 7.1 US & Canada High Purity NF3 Market Size by Type
- 7.1.1 US & Canada High Purity NF3 Sales by Type (2018-2029)
- 7.1.2 US & Canada High Purity NF3 Revenue by Type (2018-2029)
- 7.2 US & Canada High Purity NF3 Market Size by Application
  - 7.2.1 US & Canada High Purity NF3 Sales by Application (2018-2029)
- 7.2.2 US & Canada High Purity NF3 Revenue by Application (2018-2029)
- 7.3 US & Canada High Purity NF3 Sales by Country
  - 7.3.1 US & Canada High Purity NF3 Revenue by Country: 2018 VS 2022 VS 2029
  - 7.3.2 US & Canada High Purity NF3 Sales by Country (2018-2029)
  - 7.3.3 US & Canada High Purity NF3 Revenue by Country (2018-2029)
  - 7.3.4 United States



#### 7.3.5 Canada

#### **8 EUROPE**

- 8.1 Europe High Purity NF3 Market Size by Type
  - 8.1.1 Europe High Purity NF3 Sales by Type (2018-2029)
  - 8.1.2 Europe High Purity NF3 Revenue by Type (2018-2029)
- 8.2 Europe High Purity NF3 Market Size by Application
  - 8.2.1 Europe High Purity NF3 Sales by Application (2018-2029)
  - 8.2.2 Europe High Purity NF3 Revenue by Application (2018-2029)
- 8.3 Europe High Purity NF3 Sales by Country
  - 8.3.1 Europe High Purity NF3 Revenue by Country: 2018 VS 2022 VS 2029
  - 8.3.2 Europe High Purity NF3 Sales by Country (2018-2029)
  - 8.3.3 Europe High Purity NF3 Revenue by Country (2018-2029)
  - 8.3.4 Germany
  - 8.3.5 France
  - 8.3.6 U.K.
  - 8.3.7 Italy
  - 8.3.8 Russia

#### 9 CHINA

- 9.1 China High Purity NF3 Market Size by Type
- 9.1.1 China High Purity NF3 Sales by Type (2018-2029)
- 9.1.2 China High Purity NF3 Revenue by Type (2018-2029)
- 9.2 China High Purity NF3 Market Size by Application
  - 9.2.1 China High Purity NF3 Sales by Application (2018-2029)
  - 9.2.2 China High Purity NF3 Revenue by Application (2018-2029)

# 10 ASIA (EXCLUDING CHINA)

- 10.1 Asia High Purity NF3 Market Size by Type
  - 10.1.1 Asia High Purity NF3 Sales by Type (2018-2029)
  - 10.1.2 Asia High Purity NF3 Revenue by Type (2018-2029)
- 10.2 Asia High Purity NF3 Market Size by Application
  - 10.2.1 Asia High Purity NF3 Sales by Application (2018-2029)
- 10.2.2 Asia High Purity NF3 Revenue by Application (2018-2029)
- 10.3 Asia High Purity NF3 Sales by Region
- 10.3.1 Asia High Purity NF3 Revenue by Region: 2018 VS 2022 VS 2029



- 10.3.2 Asia High Purity NF3 Revenue by Region (2018-2029)
- 10.3.3 Asia High Purity NF3 Sales by Region (2018-2029)
- 10.3.4 Japan
- 10.3.5 South Korea
- 10.3.6 China Taiwan
- 10.3.7 Southeast Asia
- 10.3.8 India

# 11 MIDDLE EAST, AFRICA AND LATIN AMERICA

- 11.1 Middle East, Africa and Latin America High Purity NF3 Market Size by Type
- 11.1.1 Middle East, Africa and Latin America High Purity NF3 Sales by Type (2018-2029)
- 11.1.2 Middle East, Africa and Latin America High Purity NF3 Revenue by Type (2018-2029)
- 11.2 Middle East, Africa and Latin America High Purity NF3 Market Size by Application
- 11.2.1 Middle East, Africa and Latin America High Purity NF3 Sales by Application (2018-2029)
- 11.2.2 Middle East, Africa and Latin America High Purity NF3 Revenue by Application (2018-2029)
- 11.3 Middle East, Africa and Latin America High Purity NF3 Sales by Country
- 11.3.1 Middle East, Africa and Latin America High Purity NF3 Revenue by Country: 2018 VS 2022 VS 2029
- 11.3.2 Middle East, Africa and Latin America High Purity NF3 Revenue by Country (2018-2029)
- 11.3.3 Middle East, Africa and Latin America High Purity NF3 Sales by Country (2018-2029)
  - 11.3.4 Brazil
  - 11.3.5 Mexico
  - 11.3.6 Turkey
  - 11.3.7 Israel
  - 11.3.8 GCC Countries

#### 12 CORPORATE PROFILES

- 12.1 SK Materials
  - 12.1.1 SK Materials Company Information
  - 12.1.2 SK Materials Overview
  - 12.1.3 SK Materials High Purity NF3 Capacity, Sales, Price, Revenue and Gross



# Margin (2018-2023)

- 12.1.4 SK Materials High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.1.5 SK Materials Recent Developments
- 12.2 Hyosung
  - 12.2.1 Hyosung Company Information
  - 12.2.2 Hyosung Overview
- 12.2.3 Hyosung High Purity NF3 Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.2.4 Hyosung High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.2.5 Hyosung Recent Developments
- 12.3 Versum Materials
  - 12.3.1 Versum Materials Company Information
  - 12.3.2 Versum Materials Overview
- 12.3.3 Versum Materials High Purity NF3 Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.3.4 Versum Materials High Purity NF3 Product Model Numbers, Pictures,

# **Descriptions and Specifications**

- 12.3.5 Versum Materials Recent Developments
- 12.4 Kanto Denka Kogyo
  - 12.4.1 Kanto Denka Kogyo Company Information
  - 12.4.2 Kanto Denka Kogyo Overview
- 12.4.3 Kanto Denka Kogyo High Purity NF3 Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.4.4 Kanto Denka Kogyo High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.4.5 Kanto Denka Kogyo Recent Developments
- 12.5 Mitsui Chemical
  - 12.5.1 Mitsui Chemical Company Information
  - 12.5.2 Mitsui Chemical Overview
- 12.5.3 Mitsui Chemical High Purity NF3 Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
  - 12.5.4 Mitsui Chemical High Purity NF3 Product Model Numbers, Pictures,

## **Descriptions and Specifications**

- 12.5.5 Mitsui Chemical Recent Developments
- 12.6 The 718th Research Institute of CSSC (PERIC)
- 12.6.1 The 718th Research Institute of CSSC (PERIC) Company Information
- 12.6.2 The 718th Research Institute of CSSC (PERIC) Overview



- 12.6.3 The 718th Research Institute of CSSC (PERIC) High Purity NF3 Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.6.4 The 718th Research Institute of CSSC (PERIC) High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.6.5 The 718th Research Institute of CSSC (PERIC) Recent Developments
- 12.7 Liming Research Institute of Chemical Industry
  - 12.7.1 Liming Research Institute of Chemical Industry Company Information
  - 12.7.2 Liming Research Institute of Chemical Industry Overview
- 12.7.3 Liming Research Institute of Chemical Industry High Purity NF3 Capacity,
- Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.7.4 Liming Research Institute of Chemical Industry High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.7.5 Liming Research Institute of Chemical Industry Recent Developments
- 12.8 Shandong Feiyuan Gas
  - 12.8.1 Shandong Feiyuan Gas Company Information
  - 12.8.2 Shandong Feiyuan Gas Overview
- 12.8.3 Shandong Feiyuan Gas High Purity NF3 Capacity, Sales, Price, Revenue and Gross Margin (2018-2023)
- 12.8.4 Shandong Feiyuan Gas High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications
  - 12.8.5 Shandong Feiyuan Gas Recent Developments

#### 13 INDUSTRY CHAIN AND SALES CHANNELS ANALYSIS

- 13.1 High Purity NF3 Industry Chain Analysis
- 13.2 High Purity NF3 Key Raw Materials
  - 13.2.1 Key Raw Materials
  - 13.2.2 Raw Materials Key Suppliers
- 13.3 High Purity NF3 Production Mode & Process
- 13.4 High Purity NF3 Sales and Marketing
  - 13.4.1 High Purity NF3 Sales Channels
  - 13.4.2 High Purity NF3 Distributors
- 13.5 High Purity NF3 Customers

## 14 HIGH PURITY NF3 MARKET DYNAMICS

- 14.1 High Purity NF3 Industry Trends
- 14.2 High Purity NF3 Market Drivers
- 14.3 High Purity NF3 Market Challenges



# 14.4 High Purity NF3 Market Restraints

# 15 KEY FINDING IN THE GLOBAL HIGH PURITY NF3 STUDY

# **16 APPENDIX**

- 16.1 Research Methodology
  - 16.1.1 Methodology/Research Approach
  - 16.1.2 Data Source
- 16.2 Author Details
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

- Table 1. Global High Purity NF3 Market Size Growth Rate by Type, 2018 VS 2022 VS 2029 (US\$ Million)
- Table 2. Major Manufacturers of NF3 ?99.9%
- Table 3. Major Manufacturers of NF3 ?99.98%
- Table 4. Major Manufacturers of NF3 ?99.99%
- Table 5. Major Manufacturers of NF3 ?99.995%
- Table 6. Global High Purity NF3 Market Size Growth Rate by Application, 2018 VS 2022 VS 2029 (US\$ Million)
- Table 7. Global High Purity NF3 Production by Region: 2018 VS 2022 VS 2029 (MT)
- Table 8. Global High Purity NF3 Production by Region (2018-2023) & (MT)
- Table 9. Global High Purity NF3 Production by Region (2024-2029) & (MT)
- Table 10. Global High Purity NF3 Production Market Share by Region (2018-2023)
- Table 11. Global High Purity NF3 Production Market Share by Region (2024-2029)
- Table 12. Global High Purity NF3 Revenue Grow Rate (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 13. Global High Purity NF3 Revenue by Region (2018-2023) & (US\$ Million)
- Table 14. Global High Purity NF3 Revenue by Region (2024-2029) & (US\$ Million)
- Table 15. Global High Purity NF3 Revenue Market Share by Region (2018-2023)
- Table 16. Global High Purity NF3 Revenue Market Share by Region (2024-2029)
- Table 17. Global High Purity NF3 Sales Grow Rate (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)
- Table 18. Global High Purity NF3 Sales by Region (2018-2023) & (MT)
- Table 19. Global High Purity NF3 Sales by Region (2024-2029) & (MT)
- Table 20. Global High Purity NF3 Sales Market Share by Region (2018-2023)
- Table 21. Global High Purity NF3 Sales Market Share by Region (2024-2029)
- Table 22. Global High Purity NF3 Sales by Manufacturers (2018-2023) & (MT)
- Table 23. Global High Purity NF3 Sales Share by Manufacturers (2018-2023)
- Table 24. Global High Purity NF3 Revenue by Manufacturers (2018-2023) & (US\$ Million)
- Table 25. Global High Purity NF3 Revenue Share by Manufacturers (2018-2023)
- Table 26. High Purity NF3 Price by Manufacturers 2018-2023 (USD/MT)
- Table 27. Global Key Players of High Purity NF3, Industry Ranking, 2021 VS 2022 VS 2023
- Table 28. Global High Purity NF3 Manufacturers Market Concentration Ratio (CR5 and HHI)



Table 29. Global High Purity NF3 by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in High Purity NF3 as of 2022)

Table 30. Global Key Manufacturers of High Purity NF3, Manufacturing Base Distribution and Headquarters

Table 31. Global Key Manufacturers of High Purity NF3, Product Offered and Application

Table 32. Global Key Manufacturers of High Purity NF3, Date of Enter into This Industry

Table 33. Mergers & Acquisitions, Expansion Plans

Table 34. Global High Purity NF3 Sales by Type (2018-2023) & (MT)

Table 35. Global High Purity NF3 Sales by Type (2024-2029) & (MT)

Table 36. Global High Purity NF3 Sales Share by Type (2018-2023)

Table 37. Global High Purity NF3 Sales Share by Type (2024-2029)

Table 38. Global High Purity NF3 Revenue by Type (2018-2023) & (US\$ Million)

Table 39. Global High Purity NF3 Revenue by Type (2024-2029) & (US\$ Million)

Table 40. Global High Purity NF3 Revenue Share by Type (2018-2023)

Table 41. Global High Purity NF3 Revenue Share by Type (2024-2029)

Table 42. High Purity NF3 Price by Type (2018-2023) & (USD/MT)

Table 43. Global High Purity NF3 Price Forecast by Type (2024-2029) & (USD/MT)

Table 44. Global High Purity NF3 Sales by Application (2018-2023) & (MT)

Table 45. Global High Purity NF3 Sales by Application (2024-2029) & (MT)

Table 46. Global High Purity NF3 Sales Share by Application (2018-2023)

Table 47. Global High Purity NF3 Sales Share by Application (2024-2029)

Table 48. Global High Purity NF3 Revenue by Application (2018-2023) & (US\$ Million)

Table 49. Global High Purity NF3 Revenue by Application (2024-2029) & (US\$ Million)

Table 50. Global High Purity NF3 Revenue Share by Application (2018-2023)

Table 51. Global High Purity NF3 Revenue Share by Application (2024-2029)

Table 52. High Purity NF3 Price by Application (2018-2023) & (USD/MT)

Table 53. Global High Purity NF3 Price Forecast by Application (2024-2029) & (USD/MT)

Table 54. US & Canada High Purity NF3 Sales by Type (2018-2023) & (MT)

Table 55. US & Canada High Purity NF3 Sales by Type (2024-2029) & (MT)

Table 56. US & Canada High Purity NF3 Revenue by Type (2018-2023) & (US\$ Million)

Table 57. US & Canada High Purity NF3 Revenue by Type (2024-2029) & (US\$ Million)

Table 58. US & Canada High Purity NF3 Sales by Application (2018-2023) & (MT)

Table 59. US & Canada High Purity NF3 Sales by Application (2024-2029) & (MT)

Table 60. US & Canada High Purity NF3 Revenue by Application (2018-2023) & (US\$ Million)

Table 61. US & Canada High Purity NF3 Revenue by Application (2024-2029) & (US\$ Million)



Table 62. US & Canada High Purity NF3 Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 63. US & Canada High Purity NF3 Revenue by Country (2018-2023) & (US\$ Million)

Table 64. US & Canada High Purity NF3 Revenue by Country (2024-2029) & (US\$ Million)

Table 65. US & Canada High Purity NF3 Sales by Country (2018-2023) & (MT)

Table 66. US & Canada High Purity NF3 Sales by Country (2024-2029) & (MT)

Table 67. Europe High Purity NF3 Sales by Type (2018-2023) & (MT)

Table 68. Europe High Purity NF3 Sales by Type (2024-2029) & (MT)

Table 69. Europe High Purity NF3 Revenue by Type (2018-2023) & (US\$ Million)

Table 70. Europe High Purity NF3 Revenue by Type (2024-2029) & (US\$ Million)

Table 71. Europe High Purity NF3 Sales by Application (2018-2023) & (MT)

Table 72. Europe High Purity NF3 Sales by Application (2024-2029) & (MT)

Table 73. Europe High Purity NF3 Revenue by Application (2018-2023) & (US\$ Million)

Table 74. Europe High Purity NF3 Revenue by Application (2024-2029) & (US\$ Million)

Table 75. Europe High Purity NF3 Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 76. Europe High Purity NF3 Revenue by Country (2018-2023) & (US\$ Million)

Table 77. Europe High Purity NF3 Revenue by Country (2024-2029) & (US\$ Million)

Table 78. Europe High Purity NF3 Sales by Country (2018-2023) & (MT)

Table 79. Europe High Purity NF3 Sales by Country (2024-2029) & (MT)

Table 80. China High Purity NF3 Sales by Type (2018-2023) & (MT)

Table 81. China High Purity NF3 Sales by Type (2024-2029) & (MT)

Table 82. China High Purity NF3 Revenue by Type (2018-2023) & (US\$ Million)

Table 83. China High Purity NF3 Revenue by Type (2024-2029) & (US\$ Million)

Table 84. China High Purity NF3 Sales by Application (2018-2023) & (MT)

Table 85. China High Purity NF3 Sales by Application (2024-2029) & (MT)

Table 86. China High Purity NF3 Revenue by Application (2018-2023) & (US\$ Million)

Table 87. China High Purity NF3 Revenue by Application (2024-2029) & (US\$ Million)

Table 88. Asia High Purity NF3 Sales by Type (2018-2023) & (MT)

Table 89. Asia High Purity NF3 Sales by Type (2024-2029) & (MT)

Table 90. Asia High Purity NF3 Revenue by Type (2018-2023) & (US\$ Million)

Table 91. Asia High Purity NF3 Revenue by Type (2024-2029) & (US\$ Million)

Table 92. Asia High Purity NF3 Sales by Application (2018-2023) & (MT)

Table 93. Asia High Purity NF3 Sales by Application (2024-2029) & (MT)

Table 94. Asia High Purity NF3 Revenue by Application (2018-2023) & (US\$ Million)

Table 95. Asia High Purity NF3 Revenue by Application (2024-2029) & (US\$ Million)

Table 96. Asia High Purity NF3 Revenue Grow Rate (CAGR) by Country: 2018 VS 2022



VS 2029 (US\$ Million)

Table 97. Asia High Purity NF3 Revenue by Region (2018-2023) & (US\$ Million)

Table 98. Asia High Purity NF3 Revenue by Region (2024-2029) & (US\$ Million)

Table 99. Asia High Purity NF3 Sales by Region (2018-2023) & (MT)

Table 100. Asia High Purity NF3 Sales by Region (2024-2029) & (MT)

Table 101. Middle East, Africa and Latin America High Purity NF3 Sales by Type (2018-2023) & (MT)

Table 102. Middle East, Africa and Latin America High Purity NF3 Sales by Type (2024-2029) & (MT)

Table 103. Middle East, Africa and Latin America High Purity NF3 Revenue by Type (2018-2023) & (US\$ Million)

Table 104. Middle East, Africa and Latin America High Purity NF3 Revenue by Type (2024-2029) & (US\$ Million)

Table 105. Middle East, Africa and Latin America High Purity NF3 Sales by Application (2018-2023) & (MT)

Table 106. Middle East, Africa and Latin America High Purity NF3 Sales by Application (2024-2029) & (MT)

Table 107. Middle East, Africa and Latin America High Purity NF3 Revenue by Application (2018-2023) & (US\$ Million)

Table 108. Middle East, Africa and Latin America High Purity NF3 Revenue by Application (2024-2029) & (US\$ Million)

Table 109. Middle East, Africa and Latin America High Purity NF3 Revenue Grow Rate (CAGR) by Country: 2018 VS 2022 VS 2029 (US\$ Million)

Table 110. Middle East, Africa and Latin America High Purity NF3 Revenue by Country (2018-2023) & (US\$ Million)

Table 111. Middle East, Africa and Latin America High Purity NF3 Revenue by Country (2024-2029) & (US\$ Million)

Table 112. Middle East, Africa and Latin America High Purity NF3 Sales by Country (2018-2023) & (MT)

Table 113. Middle East, Africa and Latin America High Purity NF3 Sales by Country (2024-2029) & (MT)

Table 114. SK Materials Company Information

Table 115. SK Materials Description and Major Businesses

Table 116. SK Materials High Purity NF3 Capacity Sales (MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 117. SK Materials High Purity NF3 Product Model Numbers, Pictures,

**Descriptions and Specifications** 

Table 118. SK Materials Recent Development

Table 119. Hyosung Company Information



Table 120. Hyosung Description and Major Businesses

Table 121. Hyosung High Purity NF3 Capacity Sales (MT), Revenue (US\$ Million),

Price (USD/MT) and Gross Margin (2018-2023)

Table 122. Hyosung High Purity NF3 Product Model Numbers, Pictures, Descriptions and Specifications

Table 123. Hyosung Recent Development

Table 124. Versum Materials Company Information

Table 125. Versum Materials Description and Major Businesses

Table 126. Versum Materials High Purity NF3 Capacity Sales (MT), Revenue (US\$

Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 127. Versum Materials High Purity NF3 Product Model Numbers, Pictures,

**Descriptions and Specifications** 

Table 128. Versum Materials Recent Development

Table 129. Kanto Denka Kogyo Company Information

Table 130. Kanto Denka Kogyo Description and Major Businesses

Table 131. Kanto Denka Kogyo High Purity NF3 Capacity Sales (MT), Revenue (US\$

Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 132. Kanto Denka Kogyo High Purity NF3 Product Model Numbers, Pictures,

**Descriptions and Specifications** 

Table 133. Kanto Denka Kogyo Recent Development

Table 134. Mitsui Chemical Company Information

Table 135. Mitsui Chemical Description and Major Businesses

Table 136. Mitsui Chemical High Purity NF3 Capacity Sales (MT), Revenue (US\$

Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 137. Mitsui Chemical High Purity NF3 Product Model Numbers, Pictures,

**Descriptions and Specifications** 

Table 138. Mitsui Chemical Recent Development

Table 139. The 718th Research Institute of CSSC (PERIC) Company Information

Table 140. The 718th Research Institute of CSSC (PERIC) Description and Major Businesses

Table 141. The 718th Research Institute of CSSC (PERIC) High Purity NF3 Capacity

Sales (MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 142. The 718th Research Institute of CSSC (PERIC) High Purity NF3 Product

Model Numbers, Pictures, Descriptions and Specifications

Table 143. The 718th Research Institute of CSSC (PERIC) Recent Development

Table 144. Liming Research Institute of Chemical Industry Company Information

Table 145. Liming Research Institute of Chemical Industry Description and Major Businesses

Table 146. Liming Research Institute of Chemical Industry High Purity NF3 Capacity



Sales (MT), Revenue (US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 147. Liming Research Institute of Chemical Industry High Purity NF3 Product

Model Numbers, Pictures, Descriptions and Specifications

Table 148. Liming Research Institute of Chemical Industry Recent Development

Table 149. Shandong Feiyuan Gas Company Information

Table 150. Shandong Feiyuan Gas Description and Major Businesses

Table 151. Shandong Feiyuan Gas High Purity NF3 Capacity Sales (MT), Revenue

(US\$ Million), Price (USD/MT) and Gross Margin (2018-2023)

Table 152. Shandong Feiyuan Gas High Purity NF3 Product Model Numbers, Pictures,

**Descriptions and Specifications** 

Table 153. Shandong Feiyuan Gas Recent Development

Table 154. Key Raw Materials Lists

Table 155. Raw Materials Key Suppliers Lists

Table 156. High Purity NF3 Distributors List

Table 157. High Purity NF3 Customers List

Table 158. High Purity NF3 Market Trends

Table 159. High Purity NF3 Market Drivers

Table 160. High Purity NF3 Market Challenges

Table 161. High Purity NF3 Market Restraints

Table 162. Research Programs/Design for This Report

Table 163. Key Data Information from Secondary Sources

Table 164. Key Data Information from Primary Sources



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. High Purity NF3 Product Picture

Figure 2. Global High Purity NF3 Market Size Growth Rate by Type, 2018 VS 2022 VS 2029 (US\$ Million)

Figure 3. Global High Purity NF3 Market Share by Type in 2022 & 2029

Figure 4. NF3 ?99.9% Product Picture

Figure 5. NF3 ?99.98% Product Picture

Figure 6. NF3 ?99.99% Product Picture

Figure 7. NF3 ?99.995% Product Picture

Figure 8. Global High Purity NF3 Market Size Growth Rate by Application, 2018 VS

2022 VS 2029 (US\$ Million)

Figure 9. Global High Purity NF3 Market Share by Application in 2022 & 2029

Figure 10. Semiconductor

Figure 11. Flat Panel Display

Figure 12. Solar Industry

Figure 13. Others

Figure 14. High Purity NF3 Report Years Considered

Figure 15. Global High Purity NF3 Capacity, Production and Utilization (2018-2029) & (MT)

Figure 16. Global High Purity NF3 Production Market Share by Region in Percentage: 2022 Versus 2029

Figure 17. Global High Purity NF3 Production Market Share by Region (2018-2029)

Figure 18. High Purity NF3 Production Growth Rate in South Korea (2018-2029) & (MT)

Figure 19. High Purity NF3 Production Growth Rate in China (2018-2029) & (MT)

Figure 20. High Purity NF3 Production Growth Rate in Japan (2018-2029) & (MT)

Figure 21. High Purity NF3 Production Growth Rate in United States (2018-2029) & (MT)

Figure 22. Global High Purity NF3 Revenue, (US\$ Million), 2018 VS 2022 VS 2029

Figure 23. Global High Purity NF3 Revenue 2018-2029 (US\$ Million)

Figure 24. Global High Purity NF3 Revenue (CAGR) by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 25. Global High Purity NF3 Revenue Market Share by Region in Percentage: 2022 Versus 2029

Figure 26. Global High Purity NF3 Revenue Market Share by Region (2018-2029)

Figure 27. Global High Purity NF3 Sales 2018-2029 ((MT)

Figure 28. Global High Purity NF3 Sales (CAGR) by Region: 2018 VS 2022 VS 2029



(MT)

Figure 29. Global High Purity NF3 Sales Market Share by Region (2018-2029)

Figure 30. US & Canada High Purity NF3 Sales YoY (2018-2029) & (MT)

Figure 31. US & Canada High Purity NF3 Revenue YoY (2018-2029) & (US\$ Million)

Figure 32. Europe High Purity NF3 Sales YoY (2018-2029) & (MT)

Figure 33. Europe High Purity NF3 Revenue YoY (2018-2029) & (US\$ Million)

Figure 34. China High Purity NF3 Sales YoY (2018-2029) & (MT)

Figure 35. China High Purity NF3 Revenue YoY (2018-2029) & (US\$ Million)

Figure 36. Asia (excluding China) High Purity NF3 Sales YoY (2018-2029) & (MT)

Figure 37. Asia (excluding China) High Purity NF3 Revenue YoY (2018-2029) & (US\$ Million)

Figure 38. Middle East, Africa and Latin America High Purity NF3 Sales YoY (2018-2029) & (MT)

Figure 39. Middle East, Africa and Latin America High Purity NF3 Revenue YoY (2018-2029) & (US\$ Million)

Figure 40. The High Purity NF3 Market Share of Top 10 and Top 5 Largest Manufacturers Around the World in 2022

Figure 41. The Top 5 and 10 Largest Manufacturers of High Purity NF3 in the World: Market Share by High Purity NF3 Revenue in 2022

Figure 42. Global High Purity NF3 Market Share by Company Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 43. Global High Purity NF3 Sales Market Share by Type (2018-2029)

Figure 44. Global High Purity NF3 Revenue Market Share by Type (2018-2029)

Figure 45. Global High Purity NF3 Sales Market Share by Application (2018-2029)

Figure 46. Global High Purity NF3 Revenue Market Share by Application (2018-2029)

Figure 47. US & Canada High Purity NF3 Sales Market Share by Type (2018-2029)

Figure 48. US & Canada High Purity NF3 Revenue Market Share by Type (2018-2029)

Figure 49. US & Canada High Purity NF3 Sales Market Share by Application (2018-2029)

Figure 50. US & Canada High Purity NF3 Revenue Market Share by Application (2018-2029)

Figure 51. US & Canada High Purity NF3 Revenue Share by Country (2018-2029)

Figure 52. US & Canada High Purity NF3 Sales Share by Country (2018-2029)

Figure 53. U.S. High Purity NF3 Revenue (2018-2029) & (US\$ Million)

Figure 54. Canada High Purity NF3 Revenue (2018-2029) & (US\$ Million)

Figure 55. Europe High Purity NF3 Sales Market Share by Type (2018-2029)

Figure 56. Europe High Purity NF3 Revenue Market Share by Type (2018-2029)

Figure 57. Europe High Purity NF3 Sales Market Share by Application (2018-2029)

Figure 58. Europe High Purity NF3 Revenue Market Share by Application (2018-2029)



- Figure 59. Europe High Purity NF3 Revenue Share by Country (2018-2029)
- Figure 60. Europe High Purity NF3 Sales Share by Country (2018-2029)
- Figure 61. Germany High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 62. France High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 63. U.K. High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 64. Italy High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 65. Russia High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 66. China High Purity NF3 Sales Market Share by Type (2018-2029)
- Figure 67. China High Purity NF3 Revenue Market Share by Type (2018-2029)
- Figure 68. China High Purity NF3 Sales Market Share by Application (2018-2029)
- Figure 69. China High Purity NF3 Revenue Market Share by Application (2018-2029)
- Figure 70. Asia High Purity NF3 Sales Market Share by Type (2018-2029)
- Figure 71. Asia High Purity NF3 Revenue Market Share by Type (2018-2029)
- Figure 72. Asia High Purity NF3 Sales Market Share by Application (2018-2029)
- Figure 73. Asia High Purity NF3 Revenue Market Share by Application (2018-2029)
- Figure 74. Asia High Purity NF3 Revenue Share by Region (2018-2029)
- Figure 75. Asia High Purity NF3 Sales Share by Region (2018-2029)
- Figure 76. Japan High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 77. South Korea High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 78. China Taiwan High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 79. Southeast Asia High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 80. India High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 81. Middle East, Africa and Latin America High Purity NF3 Sales Market Share by Type (2018-2029)
- Figure 82. Middle East, Africa and Latin America High Purity NF3 Revenue Market Share by Type (2018-2029)
- Figure 83. Middle East, Africa and Latin America High Purity NF3 Sales Market Share by Application (2018-2029)
- Figure 84. Middle East, Africa and Latin America High Purity NF3 Revenue Market Share by Application (2018-2029)
- Figure 85. Middle East, Africa and Latin America High Purity NF3 Revenue Share by Country (2018-2029)
- Figure 86. Middle East, Africa and Latin America High Purity NF3 Sales Share by Country (2018-2029)
- Figure 87. Brazil High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 88. Mexico High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 89. Turkey High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 90. Israel High Purity NF3 Revenue (2018-2029) & (US\$ Million)
- Figure 91. GCC Countries High Purity NF3 Revenue (2018-2029) & (US\$ Million)



Figure 92. High Purity NF3 Value Chain

Figure 93. High Purity NF3 Production Process

Figure 94. Channels of Distribution

Figure 95. Distributors Profiles

Figure 96. Bottom-up and Top-down Approaches for This Report

Figure 97. Data Triangulation

Figure 98. Key Executives Interviewed



## I would like to order

Product name: Global High Purity NF3 Market Insights, Forecast to 2029 Product link: <a href="https://marketpublishers.com/r/G67098D77065EN.html">https://marketpublishers.com/r/G67098D77065EN.html</a>

Price: US\$ 4,900.00 (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 <a href="https://marketpublishers.com/r/G67098D77065EN.html">https://marketpublishers.com/r/G67098D77065EN.html</a>

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
	Custumer signature

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

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