

Global 5N Purity Deuterium Gas Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/531AC77CEB36EN.html>

Date: May 2025

Pages: 161

Price: US\$ 3,200.00 (Single User License)

ID: 531AC77CEB36EN

Abstracts

Report Overview

5N purity deuterium gas refers to deuterium gas that has a purity level of 99.999%, commonly expressed as 5N (five nines) purity. Deuterium is a stable isotope of hydrogen, consisting of a proton, a neutron, and an electron. Deuterium gas with high purity is used in various scientific, industrial, and medical applications.

This report provides a deep insight into the global 5N Purity Deuterium Gas market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global 5N Purity Deuterium Gas Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the 5N Purity Deuterium Gas market in any manner.

Global 5N Purity Deuterium Gas Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Linde Gas
Matheson Tri-Gas
Cambridge Isotope Laboratories
Sigma-Aldrich
Center of Molecular Research
CSSC (Handan) Perry Special Gases (CSSC)
Heavy Water Board (HWB)
Isowater Corporation
Sumitomo Seika Chemical
Kylin-tech

Market Segmentation (by Type)

Compressed Gas
Liquid Type

Market Segmentation (by Application)

Optical Fiber
Semiconductor
Deuterated Compounds
Nuclear
Others

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the 5N Purity Deuterium Gas Market
Overview of the regional outlook of the 5N Purity Deuterium Gas Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, 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 5N Purity Deuterium Gas Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help

readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 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 9 shares the main producing countries of 5N Purity Deuterium Gas, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players,

along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of 5N Purity Deuterium Gas

1.2 Key Market Segments

1.2.1 5N Purity Deuterium Gas Segment by Type

1.2.2 5N Purity Deuterium Gas Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 5N PURITY DEUTERIUM GAS MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global 5N Purity Deuterium Gas Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global 5N Purity Deuterium Gas Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 5N PURITY DEUTERIUM GAS MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global 5N Purity Deuterium Gas Product Life Cycle

3.3 Global 5N Purity Deuterium Gas Sales by Manufacturers (2020-2025)

3.4 Global 5N Purity Deuterium Gas Revenue Market Share by Manufacturers (2020-2025)

3.5 5N Purity Deuterium Gas Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global 5N Purity Deuterium Gas Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 5N Purity Deuterium Gas Market Competitive Situation and Trends

3.8.1 5N Purity Deuterium Gas Market Concentration Rate

3.8.2 Global 5 and 10 Largest 5N Purity Deuterium Gas Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 5N PURITY DEUTERIUM GAS INDUSTRY CHAIN ANALYSIS

4.1 5N Purity Deuterium Gas Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF 5N PURITY DEUTERIUM GAS MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global 5N Purity Deuterium Gas Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to 5N Purity Deuterium Gas Market

5.7 ESG Ratings of Leading Companies

6 5N PURITY DEUTERIUM GAS MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global 5N Purity Deuterium Gas Sales Market Share by Type (2020-2025)

6.3 Global 5N Purity Deuterium Gas Market Size Market Share by Type (2020-2025)

6.4 Global 5N Purity Deuterium Gas Price by Type (2020-2025)

7 5N PURITY DEUTERIUM GAS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global 5N Purity Deuterium Gas Market Sales by Application (2020-2025)
- 7.3 Global 5N Purity Deuterium Gas Market Size (M USD) by Application (2020-2025)
- 7.4 Global 5N Purity Deuterium Gas Sales Growth Rate by Application (2020-2025)

8 5N PURITY DEUTERIUM GAS MARKET SALES BY REGION

- 8.1 Global 5N Purity Deuterium Gas Sales by Region
 - 8.1.1 Global 5N Purity Deuterium Gas Sales by Region
 - 8.1.2 Global 5N Purity Deuterium Gas Sales Market Share by Region
- 8.2 Global 5N Purity Deuterium Gas Market Size by Region
 - 8.2.1 Global 5N Purity Deuterium Gas Market Size by Region
 - 8.2.2 Global 5N Purity Deuterium Gas Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America 5N Purity Deuterium Gas Sales by Country
 - 8.3.2 North America 5N Purity Deuterium Gas Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe 5N Purity Deuterium Gas Sales by Country
 - 8.4.2 Europe 5N Purity Deuterium Gas Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific 5N Purity Deuterium Gas Sales by Region
 - 8.5.2 Asia Pacific 5N Purity Deuterium Gas Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America 5N Purity Deuterium Gas Sales by Country
 - 8.6.2 South America 5N Purity Deuterium Gas Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa 5N Purity Deuterium Gas Sales by Region

8.7.2 Middle East and Africa 5N Purity Deuterium Gas Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 5N PURITY DEUTERIUM GAS MARKET PRODUCTION BY REGION

9.1 Global Production of 5N Purity Deuterium Gas by Region(2020-2025)

9.2 Global 5N Purity Deuterium Gas Revenue Market Share by Region (2020-2025)

9.3 Global 5N Purity Deuterium Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America 5N Purity Deuterium Gas Production

9.4.1 North America 5N Purity Deuterium Gas Production Growth Rate (2020-2025)

9.4.2 North America 5N Purity Deuterium Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe 5N Purity Deuterium Gas Production

9.5.1 Europe 5N Purity Deuterium Gas Production Growth Rate (2020-2025)

9.5.2 Europe 5N Purity Deuterium Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan 5N Purity Deuterium Gas Production (2020-2025)

9.6.1 Japan 5N Purity Deuterium Gas Production Growth Rate (2020-2025)

9.6.2 Japan 5N Purity Deuterium Gas Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China 5N Purity Deuterium Gas Production (2020-2025)

9.7.1 China 5N Purity Deuterium Gas Production Growth Rate (2020-2025)

9.7.2 China 5N Purity Deuterium Gas Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Linde Gas

10.1.1 Linde Gas Basic Information

- 10.1.2 Linde Gas 5N Purity Deuterium Gas Product Overview
- 10.1.3 Linde Gas 5N Purity Deuterium Gas Product Market Performance
- 10.1.4 Linde Gas Business Overview
- 10.1.5 Linde Gas SWOT Analysis
- 10.1.6 Linde Gas Recent Developments
- 10.2 Matheson Tri-Gas
 - 10.2.1 Matheson Tri-Gas Basic Information
 - 10.2.2 Matheson Tri-Gas 5N Purity Deuterium Gas Product Overview
 - 10.2.3 Matheson Tri-Gas 5N Purity Deuterium Gas Product Market Performance
 - 10.2.4 Matheson Tri-Gas Business Overview
 - 10.2.5 Matheson Tri-Gas SWOT Analysis
 - 10.2.6 Matheson Tri-Gas Recent Developments
- 10.3 Cambridge Isotope Laboratories
 - 10.3.1 Cambridge Isotope Laboratories Basic Information
 - 10.3.2 Cambridge Isotope Laboratories 5N Purity Deuterium Gas Product Overview
 - 10.3.3 Cambridge Isotope Laboratories 5N Purity Deuterium Gas Product Market Performance
 - 10.3.4 Cambridge Isotope Laboratories Business Overview
 - 10.3.5 Cambridge Isotope Laboratories SWOT Analysis
 - 10.3.6 Cambridge Isotope Laboratories Recent Developments
- 10.4 Sigma-Aldrich
 - 10.4.1 Sigma-Aldrich Basic Information
 - 10.4.2 Sigma-Aldrich 5N Purity Deuterium Gas Product Overview
 - 10.4.3 Sigma-Aldrich 5N Purity Deuterium Gas Product Market Performance
 - 10.4.4 Sigma-Aldrich Business Overview
 - 10.4.5 Sigma-Aldrich Recent Developments
- 10.5 Center of Molecular Research
 - 10.5.1 Center of Molecular Research Basic Information
 - 10.5.2 Center of Molecular Research 5N Purity Deuterium Gas Product Overview
 - 10.5.3 Center of Molecular Research 5N Purity Deuterium Gas Product Market Performance
 - 10.5.4 Center of Molecular Research Business Overview
 - 10.5.5 Center of Molecular Research Recent Developments
- 10.6 CSSC (Handan) Perry Special Gases (CSSC)
 - 10.6.1 CSSC (Handan) Perry Special Gases (CSSC) Basic Information
 - 10.6.2 CSSC (Handan) Perry Special Gases (CSSC) 5N Purity Deuterium Gas Product Overview
 - 10.6.3 CSSC (Handan) Perry Special Gases (CSSC) 5N Purity Deuterium Gas Product Market Performance

- 10.6.4 CSSC (Handan) Perry Special Gases (CSSC) Business Overview
- 10.6.5 CSSC (Handan) Perry Special Gases (CSSC) Recent Developments
- 10.7 Heavy Water Board (HWB)
 - 10.7.1 Heavy Water Board (HWB) Basic Information
 - 10.7.2 Heavy Water Board (HWB) 5N Purity Deuterium Gas Product Overview
 - 10.7.3 Heavy Water Board (HWB) 5N Purity Deuterium Gas Product Market Performance
 - 10.7.4 Heavy Water Board (HWB) Business Overview
 - 10.7.5 Heavy Water Board (HWB) Recent Developments
- 10.8 Isowater Corporation
 - 10.8.1 Isowater Corporation Basic Information
 - 10.8.2 Isowater Corporation 5N Purity Deuterium Gas Product Overview
 - 10.8.3 Isowater Corporation 5N Purity Deuterium Gas Product Market Performance
 - 10.8.4 Isowater Corporation Business Overview
 - 10.8.5 Isowater Corporation Recent Developments
- 10.9 Sumitomo Seika Chemical
 - 10.9.1 Sumitomo Seika Chemical Basic Information
 - 10.9.2 Sumitomo Seika Chemical 5N Purity Deuterium Gas Product Overview
 - 10.9.3 Sumitomo Seika Chemical 5N Purity Deuterium Gas Product Market Performance
 - 10.9.4 Sumitomo Seika Chemical Business Overview
 - 10.9.5 Sumitomo Seika Chemical Recent Developments
- 10.10 Kylin-tech
 - 10.10.1 Kylin-tech Basic Information
 - 10.10.2 Kylin-tech 5N Purity Deuterium Gas Product Overview
 - 10.10.3 Kylin-tech 5N Purity Deuterium Gas Product Market Performance
 - 10.10.4 Kylin-tech Business Overview
 - 10.10.5 Kylin-tech Recent Developments

11 5N PURITY DEUTERIUM GAS MARKET FORECAST BY REGION

- 11.1 Global 5N Purity Deuterium Gas Market Size Forecast
- 11.2 Global 5N Purity Deuterium Gas Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe 5N Purity Deuterium Gas Market Size Forecast by Country
 - 11.2.3 Asia Pacific 5N Purity Deuterium Gas Market Size Forecast by Region
 - 11.2.4 South America 5N Purity Deuterium Gas Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of 5N Purity Deuterium Gas by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global 5N Purity Deuterium Gas Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of 5N Purity Deuterium Gas by Type (2026-2033)

12.1.2 Global 5N Purity Deuterium Gas Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of 5N Purity Deuterium Gas by Type (2026-2033)

12.2 Global 5N Purity Deuterium Gas Market Forecast by Application (2026-2033)

12.2.1 Global 5N Purity Deuterium Gas Sales (K Units) Forecast by Application

12.2.2 Global 5N Purity Deuterium Gas Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. 5N Purity Deuterium Gas Market Size Comparison by Region (M USD)

Table 5. Global 5N Purity Deuterium Gas Sales (K Units) by Manufacturers (2020-2025)

Table 6. Global 5N Purity Deuterium Gas Sales Market Share by Manufacturers (2020-2025)

Table 7. Global 5N Purity Deuterium Gas Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global 5N Purity Deuterium Gas Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in 5N Purity Deuterium Gas as of 2024)

Table 10. Global Market 5N Purity Deuterium Gas Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global 5N Purity Deuterium Gas Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. 5N Purity Deuterium Gas Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global 5N Purity Deuterium Gas Sales by Type (K Units)

Table 26. Global 5N Purity Deuterium Gas Market Size by Type (M USD)

Table 27. Global 5N Purity Deuterium Gas Sales (K Units) by Type (2020-2025)

Table 28. Global 5N Purity Deuterium Gas Sales Market Share by Type (2020-2025)

| |
|--|
| Table 29. Global 5N Purity Deuterium Gas Market Size (M USD) by Type (2020-2025) |
| Table 30. Global 5N Purity Deuterium Gas Market Size Share by Type (2020-2025) |
| Table 31. Global 5N Purity Deuterium Gas Price (USD/Unit) by Type (2020-2025) |
| Table 32. Global 5N Purity Deuterium Gas Sales (K Units) by Application |
| Table 33. Global 5N Purity Deuterium Gas Market Size by Application |
| Table 34. Global 5N Purity Deuterium Gas Sales by Application (2020-2025) & (K Units) |
| Table 35. Global 5N Purity Deuterium Gas Sales Market Share by Application (2020-2025) |
| Table 36. Global 5N Purity Deuterium Gas Market Size by Application (2020-2025) & (M USD) |
| Table 37. Global 5N Purity Deuterium Gas Market Share by Application (2020-2025) |
| Table 38. Global 5N Purity Deuterium Gas Sales Growth Rate by Application (2020-2025) |
| Table 39. Global 5N Purity Deuterium Gas Sales by Region (2020-2025) & (K Units) |
| Table 40. Global 5N Purity Deuterium Gas Sales Market Share by Region (2020-2025) |
| Table 41. Global 5N Purity Deuterium Gas Market Size by Region (2020-2025) & (M USD) |
| Table 42. Global 5N Purity Deuterium Gas Market Size Market Share by Region (2020-2025) |
| Table 43. North America 5N Purity Deuterium Gas Sales by Country (2020-2025) & (K Units) |
| Table 44. North America 5N Purity Deuterium Gas Market Size by Country (2020-2025) & (M USD) |
| Table 45. Europe 5N Purity Deuterium Gas Sales by Country (2020-2025) & (K Units) |
| Table 46. Europe 5N Purity Deuterium Gas Market Size by Country (2020-2025) & (M USD) |
| Table 47. Asia Pacific 5N Purity Deuterium Gas Sales by Region (2020-2025) & (K Units) |
| Table 48. Asia Pacific 5N Purity Deuterium Gas Market Size by Region (2020-2025) & (M USD) |
| Table 49. South America 5N Purity Deuterium Gas Sales by Country (2020-2025) & (K Units) |
| Table 50. South America 5N Purity Deuterium Gas Market Size by Country (2020-2025) & (M USD) |
| Table 51. Middle East and Africa 5N Purity Deuterium Gas Sales by Region (2020-2025) & (K Units) |
| Table 52. Middle East and Africa 5N Purity Deuterium Gas Market Size by Region (2020-2025) & (M USD) |
| Table 53. Global 5N Purity Deuterium Gas Production (K Units) by Region(2020-2025) |

Table 54. Global 5N Purity Deuterium Gas Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global 5N Purity Deuterium Gas Revenue Market Share by Region (2020-2025)

Table 56. Global 5N Purity Deuterium Gas Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 57. North America 5N Purity Deuterium Gas Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. Europe 5N Purity Deuterium Gas Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Japan 5N Purity Deuterium Gas Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. China 5N Purity Deuterium Gas Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. Linde Gas Basic Information

Table 62. Linde Gas 5N Purity Deuterium Gas Product Overview

Table 63. Linde Gas 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Linde Gas Business Overview

Table 65. Linde Gas SWOT Analysis

Table 66. Linde Gas Recent Developments

Table 67. Matheson Tri-Gas Basic Information

Table 68. Matheson Tri-Gas 5N Purity Deuterium Gas Product Overview

Table 69. Matheson Tri-Gas 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. Matheson Tri-Gas Business Overview

Table 71. Matheson Tri-Gas SWOT Analysis

Table 72. Matheson Tri-Gas Recent Developments

Table 73. Cambridge Isotope Laboratories Basic Information

Table 74. Cambridge Isotope Laboratories 5N Purity Deuterium Gas Product Overview

Table 75. Cambridge Isotope Laboratories 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. Cambridge Isotope Laboratories Business Overview

Table 77. Cambridge Isotope Laboratories SWOT Analysis

Table 78. Cambridge Isotope Laboratories Recent Developments

Table 79. Sigma-Aldrich Basic Information

Table 80. Sigma-Aldrich 5N Purity Deuterium Gas Product Overview

Table 81. Sigma-Aldrich 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

| |
|--|
| Table 82. Sigma-Aldrich Business Overview |
| Table 83. Sigma-Aldrich Recent Developments |
| Table 84. Center of Molecular Research Basic Information |
| Table 85. Center of Molecular Research 5N Purity Deuterium Gas Product Overview |
| Table 86. Center of Molecular Research 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 87. Center of Molecular Research Business Overview |
| Table 88. Center of Molecular Research Recent Developments |
| Table 89. CSSC (Handan) Perry Special Gases (CSSC) Basic Information |
| Table 90. CSSC (Handan) Perry Special Gases (CSSC) 5N Purity Deuterium Gas Product Overview |
| Table 91. CSSC (Handan) Perry Special Gases (CSSC) 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 92. CSSC (Handan) Perry Special Gases (CSSC) Business Overview |
| Table 93. CSSC (Handan) Perry Special Gases (CSSC) Recent Developments |
| Table 94. Heavy Water Board (HWB) Basic Information |
| Table 95. Heavy Water Board (HWB) 5N Purity Deuterium Gas Product Overview |
| Table 96. Heavy Water Board (HWB) 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 97. Heavy Water Board (HWB) Business Overview |
| Table 98. Heavy Water Board (HWB) Recent Developments |
| Table 99. Isowater Corporation Basic Information |
| Table 100. Isowater Corporation 5N Purity Deuterium Gas Product Overview |
| Table 101. Isowater Corporation 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 102. Isowater Corporation Business Overview |
| Table 103. Isowater Corporation Recent Developments |
| Table 104. Sumitomo Seika Chemical Basic Information |
| Table 105. Sumitomo Seika Chemical 5N Purity Deuterium Gas Product Overview |
| Table 106. Sumitomo Seika Chemical 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 107. Sumitomo Seika Chemical Business Overview |
| Table 108. Sumitomo Seika Chemical Recent Developments |
| Table 109. Kylin-tech Basic Information |
| Table 110. Kylin-tech 5N Purity Deuterium Gas Product Overview |
| Table 111. Kylin-tech 5N Purity Deuterium Gas Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025) |
| Table 112. Kylin-tech Business Overview |
| Table 113. Kylin-tech Recent Developments |

Table 114. Global 5N Purity Deuterium Gas Sales Forecast by Region (2026-2033) & (K Units)

Table 115. Global 5N Purity Deuterium Gas Market Size Forecast by Region (2026-2033) & (M USD)

Table 116. North America 5N Purity Deuterium Gas Sales Forecast by Country (2026-2033) & (K Units)

Table 117. North America 5N Purity Deuterium Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 118. Europe 5N Purity Deuterium Gas Sales Forecast by Country (2026-2033) & (K Units)

Table 119. Europe 5N Purity Deuterium Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 120. Asia Pacific 5N Purity Deuterium Gas Sales Forecast by Region (2026-2033) & (K Units)

Table 121. Asia Pacific 5N Purity Deuterium Gas Market Size Forecast by Region (2026-2033) & (M USD)

Table 122. South America 5N Purity Deuterium Gas Sales Forecast by Country (2026-2033) & (K Units)

Table 123. South America 5N Purity Deuterium Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 124. Middle East and Africa 5N Purity Deuterium Gas Sales Forecast by Country (2026-2033) & (Units)

Table 125. Middle East and Africa 5N Purity Deuterium Gas Market Size Forecast by Country (2026-2033) & (M USD)

Table 126. Global 5N Purity Deuterium Gas Sales Forecast by Type (2026-2033) & (K Units)

Table 127. Global 5N Purity Deuterium Gas Market Size Forecast by Type (2026-2033) & (M USD)

Table 128. Global 5N Purity Deuterium Gas Price Forecast by Type (2026-2033) & (USD/Unit)

Table 129. Global 5N Purity Deuterium Gas Sales (K Units) Forecast by Application (2026-2033)

Table 130. Global 5N Purity Deuterium Gas Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of 5N Purity Deuterium Gas
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global 5N Purity Deuterium Gas Market Size (M USD), 2024-2033
- Figure 5. Global 5N Purity Deuterium Gas Market Size (M USD) (2020-2033)
- Figure 6. Global 5N Purity Deuterium Gas Sales (K Units) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. 5N Purity Deuterium Gas Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global 5N Purity Deuterium Gas Product Life Cycle
- Figure 13. 5N Purity Deuterium Gas Sales Share by Manufacturers in 2024
- Figure 14. Global 5N Purity Deuterium Gas Revenue Share by Manufacturers in 2024
- Figure 15. 5N Purity Deuterium Gas Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market 5N Purity Deuterium Gas Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by 5N Purity Deuterium Gas Revenue in 2024
- Figure 18. Industry Chain Map of 5N Purity Deuterium Gas
- Figure 19. Global 5N Purity Deuterium Gas Market PEST Analysis
- Figure 20. Global 5N Purity Deuterium Gas Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global 5N Purity Deuterium Gas Market Share by Type
- Figure 27. Sales Market Share of 5N Purity Deuterium Gas by Type (2020-2025)
- Figure 28. Sales Market Share of 5N Purity Deuterium Gas by Type in 2024
- Figure 29. Market Size Share of 5N Purity Deuterium Gas by Type (2020-2025)
- Figure 30. Market Size Share of 5N Purity Deuterium Gas by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global 5N Purity Deuterium Gas Market Share by Application

Figure 33. Global 5N Purity Deuterium Gas Sales Market Share by Application (2020-2025)

Figure 34. Global 5N Purity Deuterium Gas Sales Market Share by Application in 2024

Figure 35. Global 5N Purity Deuterium Gas Market Share by Application (2020-2025)

Figure 36. Global 5N Purity Deuterium Gas Market Share by Application in 2024

Figure 37. Global 5N Purity Deuterium Gas Sales Growth Rate by Application (2020-2025)

Figure 38. Global 5N Purity Deuterium Gas Sales Market Share by Region (2020-2025)

Figure 39. Global 5N Purity Deuterium Gas Market Size Market Share by Region (2020-2025)

Figure 40. North America 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America 5N Purity Deuterium Gas Sales Market Share by Country in 2024

Figure 43. North America 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America 5N Purity Deuterium Gas Market Size Market Share by Country in 2024

Figure 45. U.S. 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada 5N Purity Deuterium Gas Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada 5N Purity Deuterium Gas Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico 5N Purity Deuterium Gas Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico 5N Purity Deuterium Gas Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe 5N Purity Deuterium Gas Sales Market Share by Country in 2024

Figure 53. Europe 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe 5N Purity Deuterium Gas Market Size Market Share by Country in 2024

Figure 55. Germany 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K

Units)

Figure 56. Germany 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific 5N Purity Deuterium Gas Sales and Growth Rate (K Units)

Figure 66. Asia Pacific 5N Purity Deuterium Gas Sales Market Share by Region in 2024

Figure 67. Asia Pacific 5N Purity Deuterium Gas Market Size Market Share by Region in 2024

Figure 68. China 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America 5N Purity Deuterium Gas Sales and Growth Rate (K Units)

Figure 79. South America 5N Purity Deuterium Gas Sales Market Share by Country in 2024

Figure 80. South America 5N Purity Deuterium Gas Market Size and Growth Rate (M USD)

Figure 81. South America 5N Purity Deuterium Gas Market Size Market Share by Country in 2024

Figure 82. Brazil 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa 5N Purity Deuterium Gas Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa 5N Purity Deuterium Gas Sales Market Share by Region in 2024

Figure 90. Middle East and Africa 5N Purity Deuterium Gas Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa 5N Purity Deuterium Gas Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa 5N Purity Deuterium Gas Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa 5N Purity Deuterium Gas Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global 5N Purity Deuterium Gas Production Market Share by Region (2020-2025)

Figure 103. North America 5N Purity Deuterium Gas Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe 5N Purity Deuterium Gas Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan 5N Purity Deuterium Gas Production (K Units) Growth Rate (2020-2025)

Figure 106. China 5N Purity Deuterium Gas Production (K Units) Growth Rate (2020-2025)

Figure 107. Global 5N Purity Deuterium Gas Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global 5N Purity Deuterium Gas Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global 5N Purity Deuterium Gas Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global 5N Purity Deuterium Gas Market Share Forecast by Type (2026-2033)

Figure 111. Global 5N Purity Deuterium Gas Sales Forecast by Application (2026-2033)

Figure 112. Global 5N Purity Deuterium Gas Market Share Forecast by Application (2026-2033)

I would like to order

Product name: Global 5N Purity Deuterium Gas Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/531AC77CEB36EN.html>

Price: US\$ 3,200.00 (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/531AC77CEB36EN.html>