

Global Deuterium Oxide Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GACBDFAD7458EN.html>

Date: July 2023

Pages: 84

Price: US\$ 4,480.00 (Single User License)

ID: GACBDFAD7458EN

Abstracts

The global Deuterium Oxide market size is expected to reach \$ 96.8 million by 2029, rising at a market growth of 7.7% CAGR during the forecast period (2023-2029).

Global key players of Deuterium Oxide include Isowater, Cambridge Isotope Laboratories, Mesbah Energy, Heavy Water Board (HWB), etc. The top three players hold a share over 80%. North America is the largest producer of heavy water, holds a share over 76 percent. In terms of product type, Purity 99.8% is the largest segment, occupied for a share of 38%, And in terms of application, Deuterated NMR Solvents has a share about 40 percent.

Deuterium oxide, also known as “heavy water” or “deuterium water”, is the compound of oxygen and the heavy isotope of hydrogen, namely deuterium. It is called heavy water because its density is greater than H_2O and its chemical formula is D_2O . Deuterium contains a neutron and proton in its nucleus, which makes it twice as heavy as protium (hydrogen), which contains only one proton. Deuterium oxide is colorless and odorless liquid in normal temperature and pressure. Compared to ordinary water, its chemical characteristic is relatively inactive with specific gravity of 1.10775 (25 °C), melting/freezing point of 3.82 °C, and boiling point of 101.42 °C. The hydrogen bond strength and degree of association between heavy water molecules are both stronger than that of ordinary water molecules.

This report studies the global Deuterium Oxide production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Deuterium Oxide, and provides market size (US\$ million) and Year-over-Year (YoY) Growth,

considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Deuterium Oxide that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Deuterium Oxide total production and demand, 2018-2029, (Kg)

Global Deuterium Oxide total production value, 2018-2029, (USD Million)

Global Deuterium Oxide production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Deuterium Oxide consumption by region & country, CAGR, 2018-2029 & (Kg)

U.S. VS China: Deuterium Oxide domestic production, consumption, key domestic manufacturers and share

Global Deuterium Oxide production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Kg)

Global Deuterium Oxide production by Purity, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Deuterium Oxide production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg).

This reports profiles key players in the global Deuterium Oxide market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Isowater, Cambridge Isotope Laboratories, Mesbah Energy and Heavy Water Board (HWB), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Deuterium Oxide market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kg) and average price (US\$/Kg) by manufacturer, by Purity, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Deuterium Oxide Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Deuterium Oxide Market, Segmentation by Purity

Purity 99%

Purity 99.8%

Purity 99.9%

Global Deuterium Oxide Market, Segmentation by Application

Deuterated NMR Solvents

Semiconductor Industry

OLED Industry

Pharmaceutical Industry

Others

Companies Profiled:

Isowater

Cambridge Isotope Laboratories

Mesbah Energy

Heavy Water Board (HWB)

Key Questions Answered

1. How big is the global Deuterium Oxide market?
2. What is the demand of the global Deuterium Oxide market?
3. What is the year over year growth of the global Deuterium Oxide market?
4. What is the production and production value of the global Deuterium Oxide market?
5. Who are the key producers in the global Deuterium Oxide market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Deuterium Oxide Introduction
- 1.2 World Deuterium Oxide Supply & Forecast
 - 1.2.1 World Deuterium Oxide Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Deuterium Oxide Production (2018-2029)
 - 1.2.3 World Deuterium Oxide Pricing Trends (2018-2029)
- 1.3 World Deuterium Oxide Production by Region (Based on Production Site)
 - 1.3.1 World Deuterium Oxide Production Value by Region (2018-2029)
 - 1.3.2 World Deuterium Oxide Production by Region (2018-2029)
 - 1.3.3 World Deuterium Oxide Average Price by Region (2018-2029)
 - 1.3.4 North America Deuterium Oxide Production (2018-2029)
 - 1.3.5 India Deuterium Oxide Production (2018-2029)
 - 1.3.6 Iran Deuterium Oxide Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Deuterium Oxide Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Deuterium Oxide Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Deuterium Oxide Demand (2018-2029)
- 2.2 World Deuterium Oxide Consumption by Region
 - 2.2.1 World Deuterium Oxide Consumption by Region (2018-2023)
 - 2.2.2 World Deuterium Oxide Consumption Forecast by Region (2024-2029)
- 2.3 United States Deuterium Oxide Consumption (2018-2029)
- 2.4 China Deuterium Oxide Consumption (2018-2029)
- 2.5 Europe Deuterium Oxide Consumption (2018-2029)
- 2.6 Japan Deuterium Oxide Consumption (2018-2029)
- 2.7 South Korea Deuterium Oxide Consumption (2018-2029)
- 2.8 ASEAN Deuterium Oxide Consumption (2018-2029)
- 2.9 India Deuterium Oxide Consumption (2018-2029)

3 WORLD DEUTERIUM OXIDE MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Deuterium Oxide Production Value by Manufacturer (2018-2023)
- 3.2 World Deuterium Oxide Production by Manufacturer (2018-2023)
- 3.3 World Deuterium Oxide Average Price by Manufacturer (2018-2023)
- 3.4 Deuterium Oxide Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Deuterium Oxide Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Deuterium Oxide in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Deuterium Oxide in 2022
- 3.6 Deuterium Oxide Market: Overall Company Footprint Analysis
 - 3.6.1 Deuterium Oxide Market: Region Footprint
 - 3.6.2 Deuterium Oxide Market: Company Product Type Footprint
 - 3.6.3 Deuterium Oxide Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Deuterium Oxide Production Value Comparison
 - 4.1.1 United States VS China: Deuterium Oxide Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Deuterium Oxide Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Deuterium Oxide Production Comparison
 - 4.2.1 United States VS China: Deuterium Oxide Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Deuterium Oxide Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Deuterium Oxide Consumption Comparison
 - 4.3.1 United States VS China: Deuterium Oxide Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Deuterium Oxide Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Deuterium Oxide Manufacturers and Market Share, 2018-2023
 - 4.4.1 United States Based Deuterium Oxide Manufacturers, Headquarters and

Production Site (States, Country)

4.4.2 United States Based Manufacturers Deuterium Oxide Production Value (2018-2023)

4.4.3 United States Based Manufacturers Deuterium Oxide Production (2018-2023)

4.5 China Based Deuterium Oxide Manufacturers and Market Share

4.5.1 China Based Deuterium Oxide Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Deuterium Oxide Production Value (2018-2023)

4.5.3 China Based Manufacturers Deuterium Oxide Production (2018-2023)

4.6 Rest of World Based Deuterium Oxide Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Deuterium Oxide Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Deuterium Oxide Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Deuterium Oxide Production (2018-2023)

5 MARKET ANALYSIS BY PURITY

5.1 World Deuterium Oxide Market Size Overview by Purity: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Purity

5.2.1 Purity 99%

5.2.2 Purity 99.8%

5.2.3 Purity 99.9%

5.3 Market Segment by Purity

5.3.1 World Deuterium Oxide Production by Purity (2018-2029)

5.3.2 World Deuterium Oxide Production Value by Purity (2018-2029)

5.3.3 World Deuterium Oxide Average Price by Purity (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Deuterium Oxide Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Deuterated NMR Solvents

6.2.2 Semiconductor Industry

6.2.3 OLED Industry

6.2.4 Pharmaceutical Industry

6.2.5 Others

6.3 Market Segment by Application

- 6.3.1 World Deuterium Oxide Production by Application (2018-2029)
- 6.3.2 World Deuterium Oxide Production Value by Application (2018-2029)
- 6.3.3 World Deuterium Oxide Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Isowater

- 7.1.1 Isowater Details
- 7.1.2 Isowater Major Business
- 7.1.3 Isowater Deuterium Oxide Product and Services
- 7.1.4 Isowater Deuterium Oxide Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 Isowater Recent Developments/Updates
- 7.1.6 Isowater Competitive Strengths & Weaknesses

7.2 Cambridge Isotope Laboratories

- 7.2.1 Cambridge Isotope Laboratories Details
- 7.2.2 Cambridge Isotope Laboratories Major Business
- 7.2.3 Cambridge Isotope Laboratories Deuterium Oxide Product and Services
- 7.2.4 Cambridge Isotope Laboratories Deuterium Oxide Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 Cambridge Isotope Laboratories Recent Developments/Updates
- 7.2.6 Cambridge Isotope Laboratories Competitive Strengths & Weaknesses

7.3 Mesbah Energy

- 7.3.1 Mesbah Energy Details
- 7.3.2 Mesbah Energy Major Business
- 7.3.3 Mesbah Energy Deuterium Oxide Product and Services
- 7.3.4 Mesbah Energy Deuterium Oxide Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 Mesbah Energy Recent Developments/Updates
- 7.3.6 Mesbah Energy Competitive Strengths & Weaknesses

7.4 Heavy Water Board (HWB)

- 7.4.1 Heavy Water Board (HWB) Details
- 7.4.2 Heavy Water Board (HWB) Major Business
- 7.4.3 Heavy Water Board (HWB) Deuterium Oxide Product and Services
- 7.4.4 Heavy Water Board (HWB) Deuterium Oxide Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Heavy Water Board (HWB) Recent Developments/Updates
- 7.4.6 Heavy Water Board (HWB) Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Deuterium Oxide Industry Chain

8.2 Deuterium Oxide Upstream Analysis

8.2.1 Deuterium Oxide Core Raw Materials

8.2.2 Main Manufacturers of Deuterium Oxide Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Deuterium Oxide Production Mode

8.6 Deuterium Oxide Procurement Model

8.7 Deuterium Oxide Industry Sales Model and Sales Channels

8.7.1 Deuterium Oxide Sales Model

8.7.2 Deuterium Oxide Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Deuterium Oxide Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Deuterium Oxide Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Deuterium Oxide Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Deuterium Oxide Production Value Market Share by Region (2018-2023)
- Table 5. World Deuterium Oxide Production Value Market Share by Region (2024-2029)
- Table 6. World Deuterium Oxide Production by Region (2018-2023) & (Kg)
- Table 7. World Deuterium Oxide Production by Region (2024-2029) & (Kg)
- Table 8. World Deuterium Oxide Production Market Share by Region (2018-2023)
- Table 9. World Deuterium Oxide Production Market Share by Region (2024-2029)
- Table 10. World Deuterium Oxide Average Price by Region (2018-2023) & (US\$/Kg)
- Table 11. World Deuterium Oxide Average Price by Region (2024-2029) & (US\$/Kg)
- Table 12. Deuterium Oxide Major Market Trends
- Table 13. World Deuterium Oxide Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Kg)
- Table 14. World Deuterium Oxide Consumption by Region (2018-2023) & (Kg)
- Table 15. World Deuterium Oxide Consumption Forecast by Region (2024-2029) & (Kg)
- Table 16. World Deuterium Oxide Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Deuterium Oxide Producers in 2022
- Table 18. World Deuterium Oxide Production by Manufacturer (2018-2023) & (Kg)
- Table 19. Production Market Share of Key Deuterium Oxide Producers in 2022
- Table 20. World Deuterium Oxide Average Price by Manufacturer (2018-2023) & (US\$/Kg)
- Table 21. Global Deuterium Oxide Company Evaluation Quadrant
- Table 22. World Deuterium Oxide Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and Deuterium Oxide Production Site of Key Manufacturer
- Table 24. Deuterium Oxide Market: Company Product Type Footprint
- Table 25. Deuterium Oxide Market: Company Product Application Footprint
- Table 26. Deuterium Oxide Competitive Factors
- Table 27. Deuterium Oxide New Entrant and Capacity Expansion Plans
- Table 28. Deuterium Oxide Mergers & Acquisitions Activity

Table 29. United States VS China Deuterium Oxide Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Deuterium Oxide Production Comparison, (2018 & 2022 & 2029) & (Kg)

Table 31. United States VS China Deuterium Oxide Consumption Comparison, (2018 & 2022 & 2029) & (Kg)

Table 32. United States Based Deuterium Oxide Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Deuterium Oxide Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Deuterium Oxide Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Deuterium Oxide Production (2018-2023) & (Kg)

Table 36. United States Based Manufacturers Deuterium Oxide Production Market Share (2018-2023)

Table 37. China Based Deuterium Oxide Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Deuterium Oxide Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Deuterium Oxide Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Deuterium Oxide Production (2018-2023) & (Kg)

Table 41. China Based Manufacturers Deuterium Oxide Production Market Share (2018-2023)

Table 42. Rest of World Based Deuterium Oxide Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Deuterium Oxide Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Deuterium Oxide Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Deuterium Oxide Production (2018-2023) & (Kg)

Table 46. Rest of World Based Manufacturers Deuterium Oxide Production Market Share (2018-2023)

Table 47. World Deuterium Oxide Production Value by Purity, (USD Million), 2018 & 2022 & 2029

Table 48. World Deuterium Oxide Production by Purity (2018-2023) & (Kg)

Table 49. World Deuterium Oxide Production by Purity (2024-2029) & (Kg)

Table 50. World Deuterium Oxide Production Value by Purity (2018-2023) & (USD Million)

Table 51. World Deuterium Oxide Production Value by Purity (2024-2029) & (USD Million)

Table 52. World Deuterium Oxide Average Price by Purity (2018-2023) & (US\$/Kg)

Table 53. World Deuterium Oxide Average Price by Purity (2024-2029) & (US\$/Kg)

Table 54. World Deuterium Oxide Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Deuterium Oxide Production by Application (2018-2023) & (Kg)

Table 56. World Deuterium Oxide Production by Application (2024-2029) & (Kg)

Table 57. World Deuterium Oxide Production Value by Application (2018-2023) & (USD Million)

Table 58. World Deuterium Oxide Production Value by Application (2024-2029) & (USD Million)

Table 59. World Deuterium Oxide Average Price by Application (2018-2023) & (US\$/Kg)

Table 60. World Deuterium Oxide Average Price by Application (2024-2029) & (US\$/Kg)

Table 61. Isowater Basic Information, Manufacturing Base and Competitors

Table 62. Isowater Major Business

Table 63. Isowater Deuterium Oxide Product and Services

Table 64. Isowater Deuterium Oxide Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Isowater Recent Developments/Updates

Table 66. Isowater Competitive Strengths & Weaknesses

Table 67. Cambridge Isotope Laboratories Basic Information, Manufacturing Base and Competitors

Table 68. Cambridge Isotope Laboratories Major Business

Table 69. Cambridge Isotope Laboratories Deuterium Oxide Product and Services

Table 70. Cambridge Isotope Laboratories Deuterium Oxide Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Cambridge Isotope Laboratories Recent Developments/Updates

Table 72. Cambridge Isotope Laboratories Competitive Strengths & Weaknesses

Table 73. Mesbah Energy Basic Information, Manufacturing Base and Competitors

Table 74. Mesbah Energy Major Business

Table 75. Mesbah Energy Deuterium Oxide Product and Services

Table 76. Mesbah Energy Deuterium Oxide Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Mesbah Energy Recent Developments/Updates

Table 78. Heavy Water Board (HWB) Basic Information, Manufacturing Base and Competitors

Table 79. Heavy Water Board (HWB) Major Business

Table 80. Heavy Water Board (HWB) Deuterium Oxide Product and Services

Table 81. Heavy Water Board (HWB) Deuterium Oxide Production (Kg), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Global Key Players of Deuterium Oxide Upstream (Raw Materials)

Table 83. Deuterium Oxide Typical Customers

Table 84. Deuterium Oxide Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Deuterium Oxide Picture

Figure 2. World Deuterium Oxide Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Deuterium Oxide Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Deuterium Oxide Production (2018-2029) & (Kg)

Figure 5. World Deuterium Oxide Average Price (2018-2029) & (US\$/Kg)

Figure 6. World Deuterium Oxide Production Value Market Share by Region (2018-2029)

Figure 7. World Deuterium Oxide Production Market Share by Region (2018-2029)

Figure 8. North America Deuterium Oxide Production (2018-2029) & (Kg)

Figure 9. India Deuterium Oxide Production (2018-2029) & (Kg)

Figure 10. Iran Deuterium Oxide Production (2018-2029) & (Kg)

Figure 11. Deuterium Oxide Market Drivers

Figure 12. Factors Affecting Demand

Figure 13. World Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 14. World Deuterium Oxide Consumption Market Share by Region (2018-2029)

Figure 15. United States Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 16. China Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 17. Europe Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 18. Japan Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 19. South Korea Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 20. ASEAN Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 21. India Deuterium Oxide Consumption (2018-2029) & (Kg)

Figure 22. Producer Shipments of Deuterium Oxide by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 23. Global Four-firm Concentration Ratios (CR4) for Deuterium Oxide Markets in 2022

Figure 24. Global Four-firm Concentration Ratios (CR8) for Deuterium Oxide Markets in 2022

Figure 25. United States VS China: Deuterium Oxide Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 26. United States VS China: Deuterium Oxide Production Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Deuterium Oxide Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States Based Manufacturers Deuterium Oxide Production Market Share 2022

Figure 29. China Based Manufacturers Deuterium Oxide Production Market Share 2022

Figure 30. Rest of World Based Manufacturers Deuterium Oxide Production Market Share 2022

Figure 31. World Deuterium Oxide Production Value by Purity, (USD Million), 2018 & 2022 & 2029

Figure 32. World Deuterium Oxide Production Value Market Share by Purity in 2022

Figure 33. Purity 99%

Figure 34. Purity 99.8%

Figure 35. Purity 99.9%

Figure 36. World Deuterium Oxide Production Market Share by Purity (2018-2029)

Figure 37. World Deuterium Oxide Production Value Market Share by Purity (2018-2029)

Figure 38. World Deuterium Oxide Average Price by Purity (2018-2029) & (US\$/Kg)

Figure 39. World Deuterium Oxide Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Deuterium Oxide Production Value Market Share by Application in 2022

Figure 41. Deuterated NMR Solvents

Figure 42. Semiconductor Industry

Figure 43. OLED Industry

Figure 44. Pharmaceutical Industry

Figure 45. Others

Figure 46. World Deuterium Oxide Production Market Share by Application (2018-2029)

Figure 47. World Deuterium Oxide Production Value Market Share by Application (2018-2029)

Figure 48. World Deuterium Oxide Average Price by Application (2018-2029) & (US\$/Kg)

Figure 49. Deuterium Oxide Industry Chain

Figure 50. Deuterium Oxide Procurement Model

Figure 51. Deuterium Oxide Sales Model

Figure 52. Deuterium Oxide Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

I would like to order

Product name: Global Deuterium Oxide Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GACBDFAD7458EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GACBDFAD7458EN.html>