

# Global Deuterium Gas for Optical Fiber Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Deuterium Gas for Optical Fiber market size is expected to reach \$ 70 million by 2029, rising at a market growth of 1.9% CAGR during the forecast period (2023-2029).

Deuterium gas can be used in various industrial applications, typical applications such as optical fiber industry, photovoltaic industry and so on. Optical fibre cable is treated with deuterium gas at the final step of fibre optics manufacturing. For some fibres there is a significant risk that the optical properties could deteriorate due to the chemical reactions with the atoms in or around the cables. Deuterium replaces some of the protium on the fibre cables, which reduces the chemical reaction rate leading to deterioration of the light transmission and extends the life of the cable.

This report studies the global Deuterium Gas for Optical Fiber production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Deuterium Gas for Optical Fiber, 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 Gas for Optical Fiber that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Deuterium Gas for Optical Fiber total production and demand, 2018-2029, (Kg)

Global Deuterium Gas for Optical Fiber total production value, 2018-2029, (USD Million)

Global Deuterium Gas for Optical Fiber production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Deuterium Gas for Optical Fiber consumption by region & country, CAGR, 2018-2029 & (Kg)

U.S. VS China: Deuterium Gas for Optical Fiber domestic production, consumption, key domestic manufacturers and share

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

Global Deuterium Gas for Optical Fiber production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Kg)

Global Deuterium Gas for Optical Fiber production by Application production, value, CAGR, 2018-2029, (USD Million) & (Kg).

This reports profiles key players in the global Deuterium Gas for Optical Fiber 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 Linde Gas, Matheson Tri-Gas, Cambridge Isotope Laboratories, Sigma-Aldrich, Center of Molecular Research, CSIC, Heavy Water Board (HWB), Isowater Corporation and Sumitomo Seika Chemical, 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 Gas for Optical Fiber 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 Type, 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 Gas for Optical Fiber Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Deuterium Gas for Optical Fiber Market, Segmentation by Type

4N Purity Deuterium Gas

5N Purity Deuterium Gas

## Global Deuterium Gas for Optical Fiber Market, Segmentation by Application

Single-Mode Optical Fiber

Multi-Mode Optical Fiber

## Companies Profiled:

Linde Gas

Matheson Tri-Gas

Cambridge Isotope Laboratories

Sigma-Aldrich

Center of Molecular Research

CSIC

Heavy Water Board (HWB)

Isowater Corporation

Sumitomo Seika Chemical

### Key Questions Answered

1. How big is the global Deuterium Gas for Optical Fiber market?
2. What is the demand of the global Deuterium Gas for Optical Fiber market?
3. What is the year over year growth of the global Deuterium Gas for Optical Fiber market?
4. What is the production and production value of the global Deuterium Gas for Optical Fiber market?
5. Who are the key producers in the global Deuterium Gas for Optical Fiber market?

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