

# Global Oxygen-18 Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Oxygen-18 market size was valued at USD 139.5 million in 2023 and is forecast to a readjusted size of USD 189.5 million by 2030 with a CAGR of 4.5% during review period.

Oxygen-18 is a natural, stable isotope of oxygen and one of the environmental isotopes.

Global key manufacturers of Oxygen-18 include Nippon Sanso, Wo Isotope Co.,Ltd, Cambridge Isotope Laboratories and Rotem Industries. Global top four manufacturers hold a share about 69%. The global origins are mainly distributed in the United States, Russia, China, Japan, Israel, etc., of which Japan is the largest production area, holding 28% of the market share; followed by the United States. In terms of product, 95-99% abundance is the largest segment, with a share about 85%. And in terms of application, the largest application is PET reagent, with a share about 91%.

The Global Info Research report includes an overview of the development of the Oxygen-18 industry chain, the market status of PET Reagent (90-95% Abundance, 95-99% Abundance), Pharmaceutical Industry (90-95% Abundance, 95-99% Abundance), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Oxygen-18.

Regionally, the report analyzes the Oxygen-18 markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Oxygen-18 market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### Key Features:

The report presents comprehensive understanding of the Oxygen-18 market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Oxygen-18 industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Kg), revenue generated, and market share of different by Type (e.g., 90-95% Abundance, 95-99% Abundance).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Oxygen-18 market.

**Regional Analysis:** The report involves examining the Oxygen-18 market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Oxygen-18 market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Oxygen-18:

**Company Analysis:** Report covers individual Oxygen-18 manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Oxygen-18 This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (PET Reagent, Pharmaceutical Industry).

**Technology Analysis:** Report covers specific technologies relevant to Oxygen-18. It

assesses the current state, advancements, and potential future developments in Oxygen-18 areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Oxygen-18 market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Oxygen-18 market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

90-95% Abundance

95-99% Abundance

Other

#### Market segment by Application

PET Reagent

Pharmaceutical Industry

Industrial Application

Other

#### Major players covered

Nippon Sanso

Wo Isotope Co.,Ltd

Cambridge Isotope Laboratories

Rotem Industries

Center of Molecular Research

Jiangsu Huayi Technology

Shanghai Engineering Research Center

Marshall Isotopes

Heavy Water Board

Merck

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Oxygen-18 product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Oxygen-18, with price, sales, revenue and global market share of Oxygen-18 from 2019 to 2024.

Chapter 3, the Oxygen-18 competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Oxygen-18 breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Oxygen-18 market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Oxygen-18.

Chapter 14 and 15, to describe Oxygen-18 sales channel, distributors, customers, research findings and conclusion.

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