

Global Ytterbium-176 Supply, Demand and Key Producers, 2024-2030

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Abstracts

The global Ytterbium-176 market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

Radioisotopes are the unstable form of an element that emit radiation to transform into a more stable form. Radiation is easily traceable and can cause changes in the substance it falls upon. These special attributes make radioisotopes useful in medicine, industry and other areas. Most radioisotopes are artificially produced in research reactors and accelerators by exposing a target material to “intense particles,” such as neutrons or protons, followed by different chemical processes to bring them into the required chemical form.

Ytterbium-176 is a stable isotope used as starting material to produce Lutetium-177, which is used to treat prostate and other cancers with high success. Historically, Russia has been the world's primary producer of this isotope whose supply chain is fragile and inadequate to meet world demand.

This report studies the global Ytterbium-176 production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ytterbium-176, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ytterbium-176 that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ytterbium-176 total production and demand, 2019-2030, (KG)

Global Ytterbium-176 total production value, 2019-2030, (USD Million)

Global Ytterbium-176 production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (KG)

Global Ytterbium-176 consumption by region & country, CAGR, 2019-2030 & (KG)

U.S. VS China: Ytterbium-176 domestic production, consumption, key domestic manufacturers and share

Global Ytterbium-176 production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (KG)

Global Ytterbium-176 production by Abundance, production, value, CAGR, 2019-2030, (USD Million) & (KG)

Global Ytterbium-176 production by Application production, value, CAGR, 2019-2030, (USD Million) & (KG).

This reports profiles key players in the global Ytterbium-176 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 Rosatom, DOE IP, Neonest AB, Atom Mines LLC, Kinectrics Inc., SHINE and CNNC, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Ytterbium-176 market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (KG) and average price (US\$/Gram) by manufacturer, by Abundance, and by Application. Data is given for the years 2019-2030

by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Ytterbium-176 Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ytterbium-176 Market, Segmentation by Abundance

?98%

?98%

Global Ytterbium-176 Market, Segmentation by Application

Radiopharmaceuticals

Science Research

Companies Profiled:

Rosatom

DOE IP

Neonest AB

Atom Mines LLC

Kinectrics Inc.

SHINE

CNNC

Key Questions Answered

1. How big is the global Ytterbium-176 market?
2. What is the demand of the global Ytterbium-176 market?
3. What is the year over year growth of the global Ytterbium-176 market?
4. What is the production and production value of the global Ytterbium-176 market?
5. Who are the key producers in the global Ytterbium-176 market?

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