

# Global Cobalt 60 Radioactive Source Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/GABF3EDCC2DBEN.html>

Date: September 2023

Pages: 95

Price: US\$ 3,480.00 (Single User License)

ID: GABF3EDCC2DBEN

## Abstracts

According to our (Global Info Research) latest study, the global Cobalt 60 Radioactive Source market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

Cobalt-60 (Co-60) is a radioactive isotope of cobalt, a chemical element. It is widely used as a radioactive source for various applications, primarily in medical, industrial, and research fields. Cobalt-60 is produced by irradiating stable cobalt-59 with neutrons in a nuclear reactor, which converts some of the cobalt-59 into cobalt-60 through a process called neutron activation.

Cobalt-60 emits high-energy gamma rays during its radioactive decay process. These gamma rays are used for their penetrating properties and are valuable for a range of applications where controlled radiation exposure is required.

The Global Info Research report includes an overview of the development of the Cobalt 60 Radioactive Source industry chain, the market status of Agricultural (Medical Grade, Industrial Grade), Industrial (Medical Grade, Industrial Grade), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Cobalt 60 Radioactive Source.

Regionally, the report analyzes the Cobalt 60 Radioactive Source 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 Cobalt 60 Radioactive Source market, with robust domestic demand, supportive policies, and a strong manufacturing base.

## Key Features:

The report presents comprehensive understanding of the Cobalt 60 Radioactive Source 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 Cobalt 60 Radioactive Source 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 (Units), revenue generated, and market share of different by Type (e.g., Medical Grade, Industrial Grade).

**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 Cobalt 60 Radioactive Source market.

**Regional Analysis:** The report involves examining the Cobalt 60 Radioactive Source 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 Cobalt 60 Radioactive Source market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Cobalt 60 Radioactive Source:

**Company Analysis:** Report covers individual Cobalt 60 Radioactive Source 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 Cobalt 60 Radioactive Source This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application

(Agricultural, Industrial).

**Technology Analysis:** Report covers specific technologies relevant to Cobalt 60 Radioactive Source. It assesses the current state, advancements, and potential future developments in Cobalt 60 Radioactive Source areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Cobalt 60 Radioactive Source 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

Cobalt 60 Radioactive Source market is split by Type and by Application. For the period 2018-2029, 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

Medical Grade

Industrial Grade

Others

#### Market segment by Application

Agricultural

Industrial

Medical

Others

## Major players covered

Nordion

QSA Global

Eckert & Ziegler

Institute of Isotopes

ISOFLEX Radioactive

China Isotope & Radiation Corporation (CIRC)

## 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 Cobalt 60 Radioactive Source product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cobalt 60 Radioactive Source, with price, sales, revenue and global market share of Cobalt 60 Radioactive Source from 2018 to 2023.

Chapter 3, the Cobalt 60 Radioactive Source competitive situation, sales quantity,

revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cobalt 60 Radioactive Source breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2022. and Cobalt 60 Radioactive Source market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

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 Cobalt 60 Radioactive Source.

Chapter 14 and 15, to describe Cobalt 60 Radioactive Source sales channel, distributors, customers, research findings and conclusion.

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