

Global Iodine-124 Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GFEFD00A58F4EN.html>

Date: December 2024

Pages: 120

Price: US\$ 2,800.00 (Single User License)

ID: GFEFD00A58F4EN

Abstracts

Report Overview

Iodine-124 is a radioisotope widely used in positron emission tomography (PET) imaging due to its favorable half-life and decay characteristics. It plays a crucial role in medical diagnostics, particularly in oncology, neurology, and cardiology. With a current market size of approximately \$30 million in 2023, the Iodine-124 market is expected to grow at a compound annual growth rate (CAGR) of 8.75% from 2024 to 2032.

Several key growth drivers fuel the demand for Iodine-124. Firstly, the increasing prevalence of cancer worldwide is propelling the need for accurate and early diagnostic tools, where PET imaging using Iodine-124 is highly effective. Secondly, advancements in radiopharmaceutical research and development are expanding the applications of Iodine-124 beyond oncology, such as in neurology and cardiology. Additionally, the growing geriatric population, which is more susceptible to chronic diseases, is driving the demand for precise diagnostic techniques like PET imaging.

Market trends in the Iodine-124 industry include the shift towards personalized medicine, where targeted therapies require precise diagnostic tools like PET imaging with Iodine-124 to tailor treatments to individual patients. Moreover, technological advancements in radiopharmaceutical production processes are enhancing the efficiency and availability of Iodine-124, contributing to market growth. The increasing collaborations between pharmaceutical companies, research institutions, and healthcare providers are also fostering innovation in the development and utilization of Iodine-124 in diagnostic procedures.

Regionally, North America and Europe are the leading markets for Iodine-124, driven by

well-established healthcare infrastructure, high adoption rates of advanced medical technologies, and significant investments in research and development. These regions benefit from a strong presence of key market players, supportive regulatory frameworks, and a growing focus on precision medicine. In contrast, emerging markets in Asia-Pacific, particularly in countries like China, India, and Japan, are witnessing rapid market growth due to improving healthcare facilities, rising disposable incomes, and increasing awareness about the benefits of PET imaging in disease diagnosis and management.

Despite the promising growth prospects, the Iodine-124 market faces challenges such as regulatory complexities surrounding the production and distribution of radiopharmaceuticals, high initial setup costs for manufacturing facilities, and the need for specialized expertise in handling radioactive materials. Addressing these challenges will be crucial for market players to capitalize on the expanding opportunities in the Iodine-124 market and meet the growing demand for advanced diagnostic solutions in the healthcare sector.

This report provides a deep insight into the global Iodine-124 market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Iodine-124 Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Iodine-124 market in any manner.

Global Iodine-124 Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on

product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

IBA - Radio Pharma Solutions

ROSATOM

Market Segmentation (by Type)

Purity:98%-99%

Purity:~99%

Market Segmentation (by Application)

Medical Imaging

Scientific Research

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Iodine-124 Market

Overview of the regional outlook of the Iodine-124 Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Iodine-124 Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

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