

Global Strontium-82 Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/G522ADD30D46EN.html>

Date: December 2024

Pages: 132

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

ID: G522ADD30D46EN

Abstracts

Report Overview

Strontium-82 is a critical radioisotope used in the production of Rubidium-82 generators for cardiac positron emission tomography (PET) imaging. With a half-life of 25.55 days, Strontium-82 plays a pivotal role in nuclear medicine, particularly in diagnosing coronary artery disease. The market for Strontium-82 is characterized by its niche application within the broader healthcare sector, catering to the growing demand for advanced diagnostic imaging technologies.

The current market size for Strontium-82 in 2023 stands at approximately USD 70 million. Looking ahead, the market is projected to grow at a Compound Annual Growth Rate (CAGR) of 8.75% from 2024 to 2032. This growth trajectory is underpinned by several key drivers and market forces. Firstly, the increasing prevalence of cardiovascular diseases globally is propelling the demand for accurate diagnostic tools like Rubidium-82 PET imaging, thereby driving the market for Strontium-82. Additionally, advancements in healthcare infrastructure and rising investments in nuclear medicine technologies are further fueling market growth.

Analyzing market trends reveals several noteworthy developments shaping the Strontium-82 market. One prominent trend is the shift towards personalized medicine, where precise diagnostic tools such as Rubidium-82 PET imaging are gaining traction for tailored treatment approaches. Moreover, the integration of artificial intelligence and machine learning algorithms in interpreting PET imaging results is enhancing diagnostic accuracy and efficiency, driving the adoption of Strontium-82-based technologies.

Furthermore, the market for Strontium-82 exhibits regional market distribution dynamics.

Leading markets for Strontium-82 include North America and Europe, driven by well-established healthcare infrastructure, high healthcare expenditure, and early adoption of advanced medical technologies. These regions also benefit from strong research and development activities in the field of nuclear medicine, contributing to market dominance. In contrast, emerging markets in Asia-Pacific and Latin America are witnessing rapid growth due to increasing healthcare investments, rising awareness about cardiac diseases, and improving access to advanced medical technologies.

Despite the promising growth prospects, the Strontium-82 market faces certain challenges. One key challenge is the limited availability of Strontium-82 due to its complex production process and reliance on nuclear reactors. Disruptions in the supply chain can lead to shortages, impacting the accessibility of Rubidium-82 generators for cardiac imaging procedures. Addressing these supply chain vulnerabilities through strategic partnerships, technology advancements, and regulatory support will be crucial for sustaining market growth and meeting the growing demand for Strontium-82-based diagnostic solutions.

This report provides a deep insight into the global Strontium-82 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 Strontium-82 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 Strontium-82 market in any manner.

Global Strontium-82 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

NIDC(DOE IP)

LANL(Los Alamos National Lab)

Manhattan Isotope Technology LLC

Nordion Canada Inc.

BNL(Brookhaven National Laboratory)

iThemba LABS(IBA RadioPharma Solutions)

Market Segmentation (by Type)

Activity Concentration?50mCi/mL

Activity Concentration?50mCi/mL

Market Segmentation (by Application)

Nuclear Medicine

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 Strontium-82 Market

Overview of the regional outlook of the Strontium-82 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 Strontium-82 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.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Strontium-82

1.2 Key Market Segments

1.2.1 Strontium-82 Segment by Type

1.2.2 Strontium-82 Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 STRONTIUM-82 MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Strontium-82 Market Size (M USD) Estimates and Forecasts (2019-2032)

2.1.2 Global Strontium-82 Sales Estimates and Forecasts (2019-2032)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

2.4 Macroeconomic Analysis

3 STRONTIUM-82 MARKET COMPETITIVE LANDSCAPE

3.1 Global Strontium-82 Sales by Manufacturers (2019-2024)

3.2 Global Strontium-82 Revenue Market Share by Manufacturers (2019-2024)

3.3 Strontium-82 Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Strontium-82 Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Strontium-82 Sales Sites, Area Served, Product Type

3.6 Strontium-82 Market Competitive Situation and Trends

3.6.1 Strontium-82 Market Concentration Rate

3.6.2 Global 5 and 10 Largest Strontium-82 Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 STRONTIUM-82 INDUSTRY CHAIN ANALYSIS

4.1 Strontium-82 Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF STRONTIUM-82 MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 STRONTIUM-82 MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Strontium-82 Sales Market Share by Type (2019-2024)

6.3 Global Strontium-82 Market Size Market Share by Type (2019-2024)

6.4 Global Strontium-82 Price by Type (2019-2024)

7 STRONTIUM-82 MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Strontium-82 Market Sales by Application (2019-2024)

7.3 Global Strontium-82 Market Size (M USD) by Application (2019-2024)

7.4 Global Strontium-82 Sales Growth Rate by Application (2019-2024)

8 STRONTIUM-82 MARKET SALES BY REGION

8.1 Global Strontium-82 Sales by Region

8.1.1 Global Strontium-82 Sales by Region

8.1.2 Global Strontium-82 Sales Market Share by Region

8.2 Global Strontium-82 Market Size by Region

8.2.1 Global Strontium-82 Market Size by Region

8.2.2 Global Strontium-82 Market Size Market Share by Region

8.3 North America

8.3.1 North America Strontium-82 Sales by Country

8.3.2 North America Strontium-82 Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Strontium-82 Sales by Country

8.4.2 Europe Strontium-82 Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Russia Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Strontium-82 Sales by Region

8.5.2 China

8.5.3 Japan

8.5.4 South Korea

8.5.5 India

8.5.6 Southeast Asia

8.6 Asia Pacific

8.6.1 Asia Pacific Strontium-82 Market Size by Region

8.6.2 Asia Pacific Strontium-82 Market Size by Region

8.6.3 China

8.6.4 Japan

8.6.5 South Korea

8.6.6 India

8.6.7 Southeast Asia

8.7 South America

8.7.1 South America Strontium-82 Sales by Country

8.7.2 South America Strontium-82 Market Size by Country

8.7.3 Brazil

8.7.4 Argentina

8.7.5 Columbia

8.8 Middle East and Africa

8.8.1 Middle East and Africa Strontium-82 Sales by Region

8.8.2 Middle East and Africa Strontium-82 Market Size by Region

8.8.3 Saudi Arabia

- 8.8.4 UAE
- 8.8.5 Egypt
- 8.8.6 Nigeria
- 8.8.7 South Africa

9 STRONTIUM-82 MARKET PRODUCTION BY REGION

- 9.1 Global Production of Strontium-82 by Region (2019-2024)
- 9.2 Global Strontium-82 Revenue Market Share by Region (2019-2024)
- 9.3 Global Strontium-82 Production, Revenue, Price and Gross Margin (2019-2024)
- 9.4 North America Strontium-82 Production
 - 9.4.1 North America Strontium-82 Production Growth Rate (2019-2024)
 - 9.4.2 North America Strontium-82 Production, Revenue, Price and Gross Margin (2019-2024)
- 9.5 Europe Strontium-82 Production
 - 9.5.1 Europe Strontium-82 Production Growth Rate (2019-2024)
 - 9.5.2 Europe Strontium-82 Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Strontium-82 Production (2019-2024)
 - 9.6.1 Japan Strontium-82 Production Growth Rate (2019-2024)
 - 9.6.2 Japan Strontium-82 Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Strontium-82 Production (2019-2024)
 - 9.7.1 China Strontium-82 Production Growth Rate (2019-2024)
 - 9.7.2 China Strontium-82 Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

- 10.1 NIDC(DOE IP)
 - 10.1.1 NIDC(DOE IP) Strontium-82 Basic Information
 - 10.1.2 NIDC(DOE IP) Strontium-82 Product Overview
 - 10.1.3 NIDC(DOE IP) Strontium-82 Product Market Performance
 - 10.1.4 NIDC(DOE IP) Business Overview
 - 10.1.5 NIDC(DOE IP) Strontium-82 SWOT Analysis
 - 10.1.6 NIDC(DOE IP) Recent Developments
- 10.2 LANL(Los Alamos National Lab)
 - 10.2.1 LANL(Los Alamos National Lab) Strontium-82 Basic Information
 - 10.2.2 LANL(Los Alamos National Lab) Strontium-82 Product Overview
 - 10.2.3 LANL(Los Alamos National Lab) Strontium-82 Product Market Performance
 - 10.2.4 LANL(Los Alamos National Lab) Business Overview
 - 10.2.5 LANL(Los Alamos National Lab) Strontium-82 SWOT Analysis

- 10.2.6 LANL(Los Alamos National Lab) Recent Developments
- 10.3 Manhattan Isotope Technology LLC
 - 10.3.1 Manhattan Isotope Technology LLC Strontium-82 Basic Information
 - 10.3.2 Manhattan Isotope Technology LLC Strontium-82 Product Overview
 - 10.3.3 Manhattan Isotope Technology LLC Strontium-82 Product Market Performance
 - 10.3.4 Manhattan Isotope Technology LLC Strontium-82 SWOT Analysis
 - 10.3.5 Manhattan Isotope Technology LLC Business Overview
 - 10.3.6 Manhattan Isotope Technology LLC Recent Developments
- 10.4 Nordion Canada Inc.
 - 10.4.1 Nordion Canada Inc. Strontium-82 Basic Information
 - 10.4.2 Nordion Canada Inc. Strontium-82 Product Overview
 - 10.4.3 Nordion Canada Inc. Strontium-82 Product Market Performance
 - 10.4.4 Nordion Canada Inc. Business Overview
 - 10.4.5 Nordion Canada Inc. Recent Developments
- 10.5 BNL(Brookhaven National Laboratory)
 - 10.5.1 BNL(Brookhaven National Laboratory) Strontium-82 Basic Information
 - 10.5.2 BNL(Brookhaven National Laboratory) Strontium-82 Product Overview
 - 10.5.3 BNL(Brookhaven National Laboratory) Strontium-82 Product Market Performance
 - 10.5.4 BNL(Brookhaven National Laboratory) Business Overview
 - 10.5.5 BNL(Brookhaven National Laboratory) Recent Developments
- 10.6 iThemba LABS(IBA RadioPharma Solutions)
 - 10.6.1 iThemba LABS(IBA RadioPharma Solutions) Strontium-82 Basic Information
 - 10.6.2 iThemba LABS(IBA RadioPharma Solutions) Strontium-82 Product Overview
 - 10.6.3 iThemba LABS(IBA RadioPharma Solutions) Strontium-82 Product Market Performance
 - 10.6.4 iThemba LABS(IBA RadioPharma Solutions) Business Overview
 - 10.6.5 iThemba LABS(IBA RadioPharma Solutions) Recent Developments

11 STRONTIUM-82 MARKET FORECAST BY REGION

- 11.1 Global Strontium-82 Market Size Forecast
- 11.2 Global Strontium-82 Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Strontium-82 Market Size Forecast by Country
 - 11.2.3 Asia Pacific Strontium-82 Market Size Forecast by Region
 - 11.2.4 South America Strontium-82 Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Strontium-82 by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

12.1 Global Strontium-82 Market Forecast by Type (2025-2032)

12.1.1 Global Forecasted Sales of Strontium-82 by Type (2025-2032)

12.1.2 Global Strontium-82 Market Size Forecast by Type (2025-2032)

12.1.3 Global Forecasted Price of Strontium-82 by Type (2025-2032)

12.2 Global Strontium-82 Market Forecast by Application (2025-2032)

12.2.1 Global Strontium-82 Sales (K MT) Forecast by Application

12.2.2 Global Strontium-82 Market Size (M USD) Forecast by Application (2025-2032)

13 CONCLUSION AND KEY FINDINGS

I would like to order

Product name: Global Strontium-82 Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/G522ADD30D46EN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G522ADD30D46EN.html>