

Global Samarium-149 Market Growth 2026-2032

<https://marketpublishers.com/r/GDFA138E1C57EN.html>

Date: October 2026

Pages: 122

Price: US\$ 3,660.00 (Single User License)

ID: GDFA138E1C57EN

Abstracts

The global Samarium-149 market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of %from 2026 to 2032.

In 2025, global Samarium-149 production was approximately 380 grams, with an average global market price of around \$4,900 per gram. That year, total global production capacity for Samarium-149 reached approximately 600 grams, and the industry's average gross profit margin stood at about 34%. Samarium-149 is a naturally occurring stable isotope of the element samarium, characterized by an atomic number of 62 and a mass number of 149; its nucleus consists of 62 protons and 87 neutrons, and it accounts for approximately 13.82% of the atomic abundance of natural samarium. Its most notable characteristic is an exceptionally high thermal neutron absorption capacity: for thermal neutrons traveling at 2,200 m/s, the absorption cross-section is approximately 42,080 barns, and upon neutron absorption, it primarily transforms into stable samarium-150. Consequently, samarium-149 serves as both a significant neutron-absorbing nuclide and a classic "fission-product poison" in nuclear reactors.

Upstream operations primarily encompass rare-earth ore mining, natural samarium separation, the preparation of high-purity samarium compounds, and stable isotope separation. Samarium is mainly derived from monazite, bastn?site, xenotime, and ion-adsorption rare-earth ores; through processes such as crushing, leaching, solvent extraction, and ion exchange, these ores are converted into samarium oxide, samarium chloride, or other high-purity samarium feedstocks. Since standard chemical methods cannot separate samarium-149 from other samarium isotopes, the production of enriched samarium-149 requires isotope separation technologies based on mass differences, such as electromagnetic separation. The core upstream resources are not natural samarium itself, but rather high-purity feedstocks, isotope separation facilities, specialized ion sources, and high-precision isotope detection capabilities. Midstream activities include isotope enrichment, chemical purification, chemical form conversion,

target fabrication, and quality inspection. Following physical isotope separation, samarium-149 can be obtained at various enrichment levels and subsequently processed—depending on the intended application—into forms such as metal powder, samarium oxide, chlorides, nitrates, pressed pellets, or thin-film targets. Product quality is primarily evaluated based on isotope abundance, chemical purity, impurity element content, and target thickness and uniformity. The U.S. National Isotope Development Center offers enriched Samarium-149 with enrichment levels ranging from approximately 81% to 97%; it is primarily quoted on a milligram scale and can be processed into elemental or oxide targets for scientific research, characterizing it as a low-volume, high-value-added stable isotope product. Downstream applications primarily encompass nuclear reactor physics, nuclear data measurement, neutron science, and research into specialized neutron-absorbing materials. Within nuclear reactors, Samarium-149 is generated through the successive beta decay of the fission product Neodymium-149 (via Promethium-149); it continuously absorbs neutrons, significantly influencing calculations regarding core reactivity and fuel burnup. However, this reactor-generated Samarium-149 typically remains within the nuclear fuel and does not enter the commercial supply market. Externally supplied enriched Samarium-149 is primarily used for measuring neutron capture cross-sections and resonance parameters, validating reactor physics models, preparing targets for nuclear reaction experiments, and developing high-efficiency neutron-absorbing materials. It should be noted that while natural samarium compounds suffice for standard samarium-based absorbers, enriched Samarium-149 is employed only when there are specific requirements regarding absorption efficiency, material volume, or the precision of nuclear data.

The primary driver for the development of the Samarium-149 (Sm-149) industry stems from nuclear science research and reactor physics experiments. Possessing an extremely high thermal neutron absorption cross-section, Sm-149 is a significant neutron poison produced during nuclear fuel fission; its generation and depletion affect reactor reactivity, burnup calculations, and post-shutdown power variations. Consequently, activities such as nuclear data measurement, validation of reactor neutronics models, nuclear fuel burnup analysis, and criticality safety studies generate a persistent demand for small quantities of high-purity enriched Sm-149. It should be noted, however, that standard reactor neutron-absorbing materials typically utilize natural samarium or samarium compounds; thus, growth in installed nuclear power capacity does not translate proportionally into demand for enriched Sm-149.

Neutron science facilities and fundamental physics research constitute another key driver. Enriched Sm-149 is utilized for thermal neutron filtering, neutron absorption

within specific energy ranges, detector calibration, nuclear reaction cross-section measurements, and as target material for neutron beam experiments. With the construction of research reactors, spallation neutron sources, and advanced nuclear physics experimental platforms, user demand is shifting from standard enriched oxides toward products requiring high enrichment levels and high chemical purity—specifically custom-sized target foils, deposited layers, and pressed targets.

Developments on the supply side are primarily driven by isotope separation capabilities and inventory management systems. As the chemical properties of samarium's various stable isotopes are nearly identical, Sm-149 enrichment relies on technologies such as electromagnetic isotope separation. These processes entail high costs regarding equipment investment, energy consumption, purification, and quality control, limiting the number of institutions worldwide capable of ensuring a stable supply. Future industry efforts will focus on utilizing existing enriched isotope inventories, recovering and repurifying spent targets, managing batch consistency, and ensuring supply chain security, while simultaneously reducing unit costs through improved separation efficiency and post-processing techniques.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Samarium-149 Industry Forecast” looks at past sales and reviews total world Samarium-149 sales in 2025, providing a comprehensive analysis by region and market sector of projected Samarium-149 sales for 2026 through 2032. With Samarium-149 sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Samarium-149 industry.

This Insight Report provides a comprehensive analysis of the global Samarium-149 landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Samarium-149 portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Samarium-149 market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Samarium-149 and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and

quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Samarium-149.

This report presents a comprehensive overview, market shares, and growth opportunities of Samarium-149 market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

Reactor Irradiation Production

Accelerator Synthesis

Others

Segmentation by Isotopic Abundance:

Standard Enrichment (80%–90%)

High Enrichment (>90%–95%)

Ultra-high Enrichment (>95%)

Segmentation by Product Form:

Samarium-149 Oxide

Samarium-149 Metal

Samarium-149 Solution

Samarium-149 Target Material

Segmentation by Chemical Purity:

3N

4N

5N

Others

Segmentation by Application:

Nuclear Medicine

Scientific Research

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Rosatom

ORNL

Neonest AB(BuyIsotope)

CortecNet

Trace Sciences International

Edgetech Industries

American Elements

LEAP CHEM CO., LTD

ATT Advanced Elemental

Xinglu Chemical

Epoch material

Key Questions Addressed in this Report

What is the 10-year outlook for the global Samarium-149 market?

What factors are driving Samarium-149 market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Samarium-149 market opportunities vary by end market size?

How does Samarium-149 break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Samarium-149 Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Samarium-149 by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Samarium-149 by Country/Region, 2021, 2025 & 2032
- 2.2 Samarium-149 Segment by Type
 - 2.2.1 Reactor Irradiation Production
 - 2.2.2 Accelerator Synthesis
 - 2.2.3 Others
 - 2.2.4 Samarium-149 Sales by Type
 - 2.2.4.1 Global Samarium-149 Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Samarium-149 Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Samarium-149 Sale Price by Type (2021-2026)
- 2.3 Samarium-149 Segment by Isotopic Abundance
 - 2.3.1 Standard Enrichment (80%–90%)
 - 2.3.2 High Enrichment (>90%–95%)
 - 2.3.3 Ultra-high Enrichment (>95%)
 - 2.3.4 Samarium-149 Sales by Isotopic Abundance
 - 2.3.4.1 Global Samarium-149 Sales Market Share by Isotopic Abundance (2021-2026)
 - 2.3.4.2 Global Samarium-149 Revenue and Market Share by Isotopic Abundance (2021-2026)
 - 2.3.4.3 Global Samarium-149 Sale Price by Isotopic Abundance (2021-2026)

2.4 Samarium-149 Segment by Product Form

2.4.1 Samarium-149 Oxide

2.4.2 Samarium-149 Metal

2.4.3 Samarium-149 Solution

2.4.4 Samarium-149 Target Material

2.4.5 Samarium-149 Sales by Product Form

2.4.5.1 Global Samarium-149 Sales Market Share by Product Form (2021-2026)

2.4.5.2 Global Samarium-149 Revenue and Market Share by Product Form (2021-2026)

2.4.5.3 Global Samarium-149 Sale Price by Product Form (2021-2026)

2.5 Samarium-149 Segment by Chemical Purity

2.5.1 3N

2.5.2 4N

2.5.3 5N

2.5.4 Others

2.5.5 Samarium-149 Sales by Chemical Purity

2.5.5.1 Global Samarium-149 Sales Market Share by Chemical Purity (2021-2026)

2.5.5.2 Global Samarium-149 Revenue and Market Share by Chemical Purity (2021-2026)

2.5.5.3 Global Samarium-149 Sale Price by Chemical Purity (2021-2026)

2.6 Samarium-149 Segment by Application

2.6.1 Nuclear Medicine

2.6.2 Scientific Research

2.6.3 Samarium-149 Sales by Application

2.6.3.1 Global Samarium-149 Sale Market Share by Application (2021-2026)

2.6.3.2 Global Samarium-149 Revenue and Market Share by Application (2021-2026)

2.6.3.3 Global Samarium-149 Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Samarium-149 Breakdown Data by Company

3.1.1 Global Samarium-149 Annual Sales by Company (2021-2026)

3.1.2 Global Samarium-149 Sales Market Share by Company (2021-2026)

3.2 Global Samarium-149 Annual Revenue by Company (2021-2026)

3.2.1 Global Samarium-149 Revenue by Company (2021-2026)

3.2.2 Global Samarium-149 Revenue Market Share by Company (2021-2026)

3.3 Global Samarium-149 Sale Price by Company

3.4 Key Manufacturers Samarium-149 Producing Area Distribution, Sales Area, Product Type

- 3.4.1 Key Manufacturers Samarium-149 Product Location Distribution
- 3.4.2 Players Samarium-149 Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SAMARIUM-149 BY GEOGRAPHIC REGION

- 4.1 World Historic Samarium-149 Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Samarium-149 Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Samarium-149 Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Samarium-149 Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Samarium-149 Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Samarium-149 Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Samarium-149 Sales Growth
- 4.4 APAC Samarium-149 Sales Growth
- 4.5 Europe Samarium-149 Sales Growth
- 4.6 Middle East & Africa Samarium-149 Sales Growth

5 AMERICAS

- 5.1 Americas Samarium-149 Sales by Country
 - 5.1.1 Americas Samarium-149 Sales by Country (2021-2026)
 - 5.1.2 Americas Samarium-149 Revenue by Country (2021-2026)
- 5.2 Americas Samarium-149 Sales by Type (2021-2026)
- 5.3 Americas Samarium-149 Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Samarium-149 Sales by Region
 - 6.1.1 APAC Samarium-149 Sales by Region (2021-2026)
 - 6.1.2 APAC Samarium-149 Revenue by Region (2021-2026)
- 6.2 APAC Samarium-149 Sales by Type (2021-2026)

6.3 APAC Samarium-149 Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Samarium-149 by Country

7.1.1 Europe Samarium-149 Sales by Country (2021-2026)

7.1.2 Europe Samarium-149 Revenue by Country (2021-2026)

7.2 Europe Samarium-149 Sales by Type (2021-2026)

7.3 Europe Samarium-149 Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Samarium-149 by Country

8.1.1 Middle East & Africa Samarium-149 Sales by Country (2021-2026)

8.1.2 Middle East & Africa Samarium-149 Revenue by Country (2021-2026)

8.2 Middle East & Africa Samarium-149 Sales by Type (2021-2026)

8.3 Middle East & Africa Samarium-149 Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Samarium-149

10.3 Manufacturing Process Analysis of Samarium-149

10.4 Industry Chain Structure of Samarium-149

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Samarium-149 Distributors

11.3 Samarium-149 Customer

12 WORLD FORECAST REVIEW FOR SAMARIUM-149 BY GEOGRAPHIC REGION

12.1 Global Samarium-149 Market Size Forecast by Region

12.1.1 Global Samarium-149 Forecast by Region (2027-2032)

12.1.2 Global Samarium-149 Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Samarium-149 Forecast by Type (2027-2032)

12.7 Global Samarium-149 Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Rosatom

13.1.1 Rosatom Company Information

13.1.2 Rosatom Samarium-149 Product Portfolios and Specifications

13.1.3 Rosatom Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Rosatom Main Business Overview

13.1.5 Rosatom Latest Developments

13.2 ORNL

13.2.1 ORNL Company Information

- 13.2.2 ORNL Samarium-149 Product Portfolios and Specifications
- 13.2.3 ORNL Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.2.4 ORNL Main Business Overview
- 13.2.5 ORNL Latest Developments
- 13.3 Neonest AB(BuyIsotope)
 - 13.3.1 Neonest AB(BuyIsotope) Company Information
 - 13.3.2 Neonest AB(BuyIsotope) Samarium-149 Product Portfolios and Specifications
 - 13.3.3 Neonest AB(BuyIsotope) Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.3.4 Neonest AB(BuyIsotope) Main Business Overview
 - 13.3.5 Neonest AB(BuyIsotope) Latest Developments
- 13.4 CortecNet
 - 13.4.1 CortecNet Company Information
 - 13.4.2 CortecNet Samarium-149 Product Portfolios and Specifications
 - 13.4.3 CortecNet Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 CortecNet Main Business Overview
 - 13.4.5 CortecNet Latest Developments
- 13.5 Trace Sciences International
 - 13.5.1 Trace Sciences International Company Information
 - 13.5.2 Trace Sciences International Samarium-149 Product Portfolios and Specifications
 - 13.5.3 Trace Sciences International Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Trace Sciences International Main Business Overview
 - 13.5.5 Trace Sciences International Latest Developments
- 13.6 Edgetech Industries
 - 13.6.1 Edgetech Industries Company Information
 - 13.6.2 Edgetech Industries Samarium-149 Product Portfolios and Specifications
 - 13.6.3 Edgetech Industries Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Edgetech Industries Main Business Overview
 - 13.6.5 Edgetech Industries Latest Developments
- 13.7 American Elements
 - 13.7.1 American Elements Company Information
 - 13.7.2 American Elements Samarium-149 Product Portfolios and Specifications
 - 13.7.3 American Elements Samarium-149 Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 American Elements Main Business Overview

13.7.5 American Elements Latest Developments

13.8 LEAP CHEM CO., LTD

13.8.1 LEAP CHEM CO., LTD Company Information

13.8.2 LEAP CHEM CO., LTD Samarium-149 Product Portfolios and Specifications

13.8.3 LEAP CHEM CO., LTD Samarium-149 Sales, Revenue, Price and Gross

Margin (2021-2026)

13.8.4 LEAP CHEM CO., LTD Main Business Overview

13.8.5 LEAP CHEM CO., LTD Latest Developments

13.9 ATT Advanced Elemental

13.9.1 ATT Advanced Elemental Company Information

13.9.2 ATT Advanced Elemental Samarium-149 Product Portfolios and Specifications

13.9.3 ATT Advanced Elemental Samarium-149 Sales, Revenue, Price and Gross

Margin (2021-2026)

13.9.4 ATT Advanced Elemental Main Business Overview

13.9.5 ATT Advanced Elemental Latest Developments

13.10 Xinglu Chemical

13.10.1 Xinglu Chemical Company Information

13.10.2 Xinglu Chemical Samarium-149 Product Portfolios and Specifications

13.10.3 Xinglu Chemical Samarium-149 Sales, Revenue, Price and Gross Margin

(2021-2026)

13.10.4 Xinglu Chemical Main Business Overview

13.10.5 Xinglu Chemical Latest Developments

13.11 Epoch material

13.11.1 Epoch material Company Information

13.11.2 Epoch material Samarium-149 Product Portfolios and Specifications

13.11.3 Epoch material Samarium-149 Sales, Revenue, Price and Gross Margin

(2021-2026)

13.11.4 Epoch material Main Business Overview

13.11.5 Epoch material Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Samarium-149 Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Samarium-149 Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Reactor Irradiation Production

Table 4. Major Players of Accelerator Synthesis

Table 5. Major Players of Others

Table 6. Global Samarium-149 Sales by Type (2021-2026) & (Gram)

Table 7. Global Samarium-149 Sales Market Share by Type (2021-2026)

Table 8. Global Samarium-149 Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Samarium-149 Revenue Market Share by Type (2021-2026)

Table 10. Global Samarium-149 Sale Price by Type (2021-2026) & (US\$/g)

Table 11. Major Players of Standard Enrichment (80%–90%)

Table 12. Major Players of High Enrichment (>90%–95%)

Table 13. Major Players of Ultra-high Enrichment (>95%)

Table 14. Global Samarium-149 Sales by Isotopic Abundance (2021-2026) & (Gram)

Table 15. Global Samarium-149 Sales Market Share by Isotopic Abundance (2021-2026)

Table 16. Global Samarium-149 Revenue by Isotopic Abundance (2021-2026) & (\$ million)

Table 17. Global Samarium-149 Revenue Market Share by Isotopic Abundance (2021-2026)

Table 18. Global Samarium-149 Sale Price by Isotopic Abundance (2021-2026) & (US\$/g)

Table 19. Major Players of Samarium-149 Oxide

Table 20. Major Players of Samarium-149 Metal

Table 21. Major Players of Samarium-149 Solution

Table 22. Major Players of Samarium-149 Target Material

Table 23. Global Samarium-149 Sales by Product Form (2021-2026) & (Gram)

Table 24. Global Samarium-149 Sales Market Share by Product Form (2021-2026)

Table 25. Global Samarium-149 Revenue by Product Form (2021-2026) & (\$ million)

Table 26. Global Samarium-149 Revenue Market Share by Product Form (2021-2026)

Table 27. Global Samarium-149 Sale Price by Product Form (2021-2026) & (US\$/g)

Table 28. Major Players of 3N

Table 29. Major Players of 4N

Table 30. Major Players of 5N

Table 31. Major Players of Others

Table 32. Global Samarium-149 Sales by Chemical Purity (2021-2026) & (Gram)

Table 33. Global Samarium-149 Sales Market Share by Chemical Purity (2021-2026)

Table 34. Global Samarium-149 Revenue by Chemical Purity (2021-2026) & (\$ million)

Table 35. Global Samarium-149 Revenue Market Share by Chemical Purity
(2021-2026)

Table 36. Global Samarium-149 Sale Price by Chemical Purity (2021-2026) & (US\$/g)

Table 37. Global Samarium-149 Sale by Application (2021-2026) & (Gram)

Table 38. Global Samarium-149 Sale Market Share by Application (2021-2026)

Table 39. Global Samarium-149 Revenue by Application (2021-2026) & (\$ million)

Table 40. Global Samarium-149 Revenue Market Share by Application (2021-2026)

Table 41. Global Samarium-149 Sale Price by Application (2021-2026) & (US\$/g)

Table 42. Global Samarium-149 Sales by Company (2021-2026) & (Gram)

Table 43. Global Samarium-149 Sales Market Share by Company (2021-2026)

Table 44. Global Samarium-149 Revenue by Company (2021-2026) & (\$ millions)

Table 45. Global Samarium-149 Revenue Market Share by Company (2021-2026)

Table 46. Global Samarium-149 Sale Price by Company (2021-2026) & (US\$/g)

Table 47. Key Manufacturers Samarium-149 Producing Area Distribution and Sales
Area

Table 48. Players Samarium-149 Products Offered

Table 49. Samarium-149 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 50. New Products and Potential Entrants

Table 51. Market M&A Activity & Strategy

Table 52. Global Samarium-149 Sales by Geographic Region (2021-2026) & (Gram)

Table 53. Global Samarium-149 Sales Market Share Geographic Region (2021-2026)

Table 54. Global Samarium-149 Revenue by Geographic Region (2021-2026) & (\$
millions)

Table 55. Global Samarium-149 Revenue Market Share by Geographic Region
(2021-2026)

Table 56. Global Samarium-149 Sales by Country/Region (2021-2026) & (Gram)

Table 57. Global Samarium-149 Sales Market Share by Country/Region (2021-2026)

Table 58. Global Samarium-149 Revenue by Country/Region (2021-2026) & (\$ millions)

Table 59. Global Samarium-149 Revenue Market Share by Country/Region
(2021-2026)

Table 60. Americas Samarium-149 Sales by Country (2021-2026) & (Gram)

Table 61. Americas Samarium-149 Sales Market Share by Country (2021-2026)

Table 62. Americas Samarium-149 Revenue by Country (2021-2026) & (\$ millions)

Table 63. Americas Samarium-149 Sales by Type (2021-2026) & (Gram)

Table 64. Americas Samarium-149 Sales by Application (2021-2026) & (Gram)
Table 65. APAC Samarium-149 Sales by Region (2021-2026) & (Gram)
Table 66. APAC Samarium-149 Sales Market Share by Region (2021-2026)
Table 67. APAC Samarium-149 Revenue by Region (2021-2026) & (\$ millions)
Table 68. APAC Samarium-149 Sales by Type (2021-2026) & (Gram)
Table 69. APAC Samarium-149 Sales by Application (2021-2026) & (Gram)
Table 70. Europe Samarium-149 Sales by Country (2021-2026) & (Gram)
Table 71. Europe Samarium-149 Revenue by Country (2021-2026) & (\$ millions)
Table 72. Europe Samarium-149 Sales by Type (2021-2026) & (Gram)
Table 73. Europe Samarium-149 Sales by Application (2021-2026) & (Gram)
Table 74. Middle East & Africa Samarium-149 Sales by Country (2021-2026) & (Gram)
Table 75. Middle East & Africa Samarium-149 Revenue Market Share by Country (2021-2026)
Table 76. Middle East & Africa Samarium-149 Sales by Type (2021-2026) & (Gram)
Table 77. Middle East & Africa Samarium-149 Sales by Application (2021-2026) & (Gram)
Table 78. Key Market Drivers & Growth Opportunities of Samarium-149
Table 79. Key Market Challenges & Risks of Samarium-149
Table 80. Key Industry Trends of Samarium-149
Table 81. Samarium-149 Raw Material
Table 82. Key Suppliers of Raw Materials
Table 83. Samarium-149 Distributors List
Table 84. Samarium-149 Customer List
Table 85. Global Samarium-149 Sales Forecast by Region (2027-2032) & (Gram)
Table 86. Global Samarium-149 Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 87. Americas Samarium-149 Sales Forecast by Country (2027-2032) & (Gram)
Table 88. Americas Samarium-149 Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 89. APAC Samarium-149 Sales Forecast by Region (2027-2032) & (Gram)
Table 90. APAC Samarium-149 Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 91. Europe Samarium-149 Sales Forecast by Country (2027-2032) & (Gram)
Table 92. Europe Samarium-149 Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 93. Middle East & Africa Samarium-149 Sales Forecast by Country (2027-2032) & (Gram)
Table 94. Middle East & Africa Samarium-149 Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 95. Global Samarium-149 Sales Forecast by Type (2027-2032) & (Gram)

Table 96. Global Samarium-149 Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 97. Global Samarium-149 Sales Forecast by Application (2027-2032) & (Gram)

Table 98. Global Samarium-149 Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 99. Rosatom Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 100. Rosatom Samarium-149 Product Portfolios and Specifications

Table 101. Rosatom Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 102. Rosatom Main Business

Table 103. Rosatom Latest Developments

Table 104. ORNL Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 105. ORNL Samarium-149 Product Portfolios and Specifications

Table 106. ORNL Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 107. ORNL Main Business

Table 108. ORNL Latest Developments

Table 109. Neonest AB(Buylsotope) Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 110. Neonest AB(Buylsotope) Samarium-149 Product Portfolios and Specifications

Table 111. Neonest AB(Buylsotope) Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 112. Neonest AB(Buylsotope) Main Business

Table 113. Neonest AB(Buylsotope) Latest Developments

Table 114. CortecNet Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 115. CortecNet Samarium-149 Product Portfolios and Specifications

Table 116. CortecNet Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 117. CortecNet Main Business

Table 118. CortecNet Latest Developments

Table 119. Trace Sciences International Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 120. Trace Sciences International Samarium-149 Product Portfolios and Specifications

Table 121. Trace Sciences International Samarium-149 Sales (Gram), Revenue (\$

Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 122. Trace Sciences International Main Business

Table 123. Trace Sciences International Latest Developments

Table 124. Edgetech Industries Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 125. Edgetech Industries Samarium-149 Product Portfolios and Specifications

Table 126. Edgetech Industries Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 127. Edgetech Industries Main Business

Table 128. Edgetech Industries Latest Developments

Table 129. American Elements Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 130. American Elements Samarium-149 Product Portfolios and Specifications

Table 131. American Elements Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 132. American Elements Main Business

Table 133. American Elements Latest Developments

Table 134. LEAP CHEM CO., LTD Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 135. LEAP CHEM CO., LTD Samarium-149 Product Portfolios and Specifications

Table 136. LEAP CHEM CO., LTD Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 137. LEAP CHEM CO., LTD Main Business

Table 138. LEAP CHEM CO., LTD Latest Developments

Table 139. ATT Advanced Elemental Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 140. ATT Advanced Elemental Samarium-149 Product Portfolios and Specifications

Table 141. ATT Advanced Elemental Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 142. ATT Advanced Elemental Main Business

Table 143. ATT Advanced Elemental Latest Developments

Table 144. Xinglu Chemical Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 145. Xinglu Chemical Samarium-149 Product Portfolios and Specifications

Table 146. Xinglu Chemical Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 147. Xinglu Chemical Main Business

Table 148. Xinglu Chemical Latest Developments

Table 149. Epoch material Basic Information, Samarium-149 Manufacturing Base, Sales Area and Its Competitors

Table 150. Epoch material Samarium-149 Product Portfolios and Specifications

Table 151. Epoch material Samarium-149 Sales (Gram), Revenue (\$ Million), Price (US\$/g) and Gross Margin (2021-2026)

Table 152. Epoch material Main Business

Table 153. Epoch material Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Samarium-149
- Figure 2. Samarium-149 Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Samarium-149 Sales Growth Rate 2021-2032 (Gram)
- Figure 7. Global Samarium-149 Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Samarium-149 Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Samarium-149 Sales Market Share by Country/Region (2025)
- Figure 10. Samarium-149 Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Reactor Irradiation Production
- Figure 12. Product Picture of Accelerator Synthesis
- Figure 13. Product Picture of Others
- Figure 14. Global Samarium-149 Sales Market Share by Type in 2026
- Figure 15. Global Samarium-149 Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Standard Enrichment (80%–90%)
- Figure 17. Product Picture of High Enrichment (>90%–95%)
- Figure 18. Product Picture of Ultra-high Enrichment (>95%)
- Figure 19. Global Samarium-149 Sales Market Share by Isotopic Abundance in 2026
- Figure 20. Global Samarium-149 Revenue Market Share by Isotopic Abundance (2021-2026)
- Figure 21. Product Picture of Samarium-149 Oxide
- Figure 22. Product Picture of Samarium-149 Metal
- Figure 23. Product Picture of Samarium-149 Solution
- Figure 24. Product Picture of Samarium-149 Target Material
- Figure 25. Global Samarium-149 Sales Market Share by Product Form in 2026
- Figure 26. Global Samarium-149 Revenue Market Share by Product Form (2021-2026)
- Figure 27. Product Picture of 3N
- Figure 28. Product Picture of 4N
- Figure 29. Product Picture of 5N
- Figure 30. Product Picture of Others
- Figure 31. Global Samarium-149 Sales Market Share by Chemical Purity in 2026
- Figure 32. Global Samarium-149 Revenue Market Share by Chemical Purity (2021-2026)

- Figure 33. Samarium-149 Consumed in Nuclear Medicine
- Figure 34. Global Samarium-149 Market: Nuclear Medicine (2021-2026) & (Gram)
- Figure 35. Samarium-149 Consumed in Scientific Research
- Figure 36. Global Samarium-149 Market: Scientific Research (2021-2026) & (Gram)
- Figure 37. Global Samarium-149 Sale Market Share by Application (2025)
- Figure 38. Global Samarium-149 Revenue Market Share by Application in 2025
- Figure 39. Samarium-149 Sales by Company in 2025 (Gram)
- Figure 40. Global Samarium-149 Sales Market Share by Company in 2025
- Figure 41. Samarium-149 Revenue by Company in 2025 (\$ millions)
- Figure 42. Global Samarium-149 Revenue Market Share by Company in 2025
- Figure 43. Global Samarium-149 Sales Market Share by Geographic Region (2021-2026)
- Figure 44. Global Samarium-149 Revenue Market Share by Geographic Region in 2025
- Figure 45. Americas Samarium-149 Sales 2021-2026 (Gram)
- Figure 46. Americas Samarium-149 Revenue 2021-2026 (\$ millions)
- Figure 47. APAC Samarium-149 Sales 2021-2026 (Gram)
- Figure 48. APAC Samarium-149 Revenue 2021-2026 (\$ millions)
- Figure 49. Europe Samarium-149 Sales 2021-2026 (Gram)
- Figure 50. Europe Samarium-149 Revenue 2021-2026 (\$ millions)
- Figure 51. Middle East & Africa Samarium-149 Sales 2021-2026 (Gram)
- Figure 52. Middle East & Africa Samarium-149 Revenue 2021-2026 (\$ millions)
- Figure 53. Americas Samarium-149 Sales Market Share by Country in 2025
- Figure 54. Americas Samarium-149 Revenue Market Share by Country (2021-2026)
- Figure 55. Americas Samarium-149 Sales Market Share by Type (2021-2026)
- Figure 56. Americas Samarium-149 Sales Market Share by Application (2021-2026)
- Figure 57. United States Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 58. Canada Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 59. Mexico Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 60. Brazil Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 61. APAC Samarium-149 Sales Market Share by Region in 2025
- Figure 62. APAC Samarium-149 Revenue Market Share by Region (2021-2026)
- Figure 63. APAC Samarium-149 Sales Market Share by Type (2021-2026)
- Figure 64. APAC Samarium-149 Sales Market Share by Application (2021-2026)
- Figure 65. China Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 66. Japan Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 67. South Korea Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 68. Southeast Asia Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 69. India Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 70. Australia Samarium-149 Revenue Growth 2021-2026 (\$ millions)

- Figure 71. China Taiwan Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 72. Europe Samarium-149 Sales Market Share by Country in 2025
- Figure 73. Europe Samarium-149 Revenue Market Share by Country (2021-2026)
- Figure 74. Europe Samarium-149 Sales Market Share by Type (2021-2026)
- Figure 75. Europe Samarium-149 Sales Market Share by Application (2021-2026)
- Figure 76. Germany Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 77. France Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 78. UK Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 79. Italy Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 80. Russia Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 81. Middle East & Africa Samarium-149 Sales Market Share by Country (2021-2026)
- Figure 82. Middle East & Africa Samarium-149 Sales Market Share by Type (2021-2026)
- Figure 83. Middle East & Africa Samarium-149 Sales Market Share by Application (2021-2026)
- Figure 84. Egypt Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 85. South Africa Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 86. Israel Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 87. Turkey Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 88. GCC Countries Samarium-149 Revenue Growth 2021-2026 (\$ millions)
- Figure 89. Manufacturing Cost Structure Analysis of Samarium-149 in 2026
- Figure 90. Manufacturing Process Analysis of Samarium-149
- Figure 91. Industry Chain Structure of Samarium-149
- Figure 92. Channels of Distribution
- Figure 93. Global Samarium-149 Sales Market Forecast by Region (2027-2032)
- Figure 94. Global Samarium-149 Revenue Market Share Forecast by Region (2027-2032)
- Figure 95. Global Samarium-149 Sales Market Share Forecast by Type (2027-2032)
- Figure 96. Global Samarium-149 Revenue Market Share Forecast by Type (2027-2032)
- Figure 97. Global Samarium-149 Sales Market Share Forecast by Application (2027-2032)
- Figure 98. Global Samarium-149 Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Samarium-149 Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GDFA138E1C57EN.html>

Price: US\$ 3,660.00 (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/GDFA138E1C57EN.html>