

# Global High Purity Gadolinium Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global High Purity Gadolinium market size was valued at US\$ 4648 million in 2024 and is forecast to a readjusted size of USD 6719 million by 2031 with a CAGR of 5.5% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

High purity gadolinium is a rare earth metal with a purity level typically exceeding 99.99%, widely used in advanced technology and industrial applications. It is known for its unique magnetic, thermal, and nuclear properties, making it essential in applications such as magnetic resonance imaging (MRI) contrast agents, nuclear reactor control rods, and the manufacturing of specialized alloys and phosphors.

This report is a detailed and comprehensive analysis for global High Purity Gadolinium market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global High Purity Gadolinium market size and forecasts, in consumption value (\$

Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global High Purity Gadolinium market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global High Purity Gadolinium market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global High Purity Gadolinium market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2020-2025

### **The Primary Objectives in This Report Are:**

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for High Purity Gadolinium
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global High Purity Gadolinium market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include China Northern Rare Earth Group High-Tech, Shin-Etsu Chemical, Lynas Corporation Ltd., Ganzhou Rare Earth Group, Molycorp, Arafura Resources Ltd., Baotou Steel Rare-Earth (Group) Hi-Tech, Energy Fuels Inc., American Rare Earths Ltd., etc.

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

### **Market Segmentation**

High Purity Gadolinium market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Gadolinium Metal

Gadolinium Oxide

Gadolinium Salts

#### Market segment by Application

Medical Contrast Agents

Magnetic Refrigeration Materials

Nuclear Reactor Control Rods

Permanent Magnetic Materials

High-Strength Alloys

#### Major players covered

China Northern Rare Earth Group High-Tech

Shin-Etsu Chemical

Lynas Corporation Ltd.

Ganzhou Rare Earth Group

Molycorp

Arafura Resources Ltd.

Baotou Steel Rare-Earth (Group) Hi-Tech

Energy Fuels Inc.

American Rare Earths Ltd.

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 High Purity Gadolinium product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of High Purity Gadolinium, with price, sales quantity, revenue, and global market share of High Purity Gadolinium from 2020 to 2025.

Chapter 3, the High Purity Gadolinium competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the High Purity Gadolinium breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and High Purity Gadolinium market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 High Purity Gadolinium.

Chapter 14 and 15, to describe High Purity Gadolinium sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global High Purity Gadolinium Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Gadolinium Metal

1.3.3 Gadolinium Oxide

1.3.4 Gadolinium Salts

1.4 Market Analysis by Application

1.4.1 Overview: Global High Purity Gadolinium Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Medical Contrast Agents

1.4.3 Magnetic Refrigeration Materials

1.4.4 Nuclear Reactor Control Rods

1.4.5 Permanent Magnetic Materials

1.4.6 High-Strength Alloys

1.5 Global High Purity Gadolinium Market Size & Forecast

1.5.1 Global High Purity Gadolinium Consumption Value (2020 & 2024 & 2031)

1.5.2 Global High Purity Gadolinium Sales Quantity (2020-2031)

1.5.3 Global High Purity Gadolinium Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 China Northern Rare Earth Group High-Tech

2.1.1 China Northern Rare Earth Group High-Tech Details

2.1.2 China Northern Rare Earth Group High-Tech Major Business

2.1.3 China Northern Rare Earth Group High-Tech High Purity Gadolinium Product and Services

2.1.4 China Northern Rare Earth Group High-Tech High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 China Northern Rare Earth Group High-Tech Recent Developments/Updates

2.2 Shin-Etsu Chemical

2.2.1 Shin-Etsu Chemical Details

2.2.2 Shin-Etsu Chemical Major Business

2.2.3 Shin-Etsu Chemical High Purity Gadolinium Product and Services

2.2.4 Shin-Etsu Chemical High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Shin-Etsu Chemical Recent Developments/Updates

2.3 Lynas Corporation Ltd.

2.3.1 Lynas Corporation Ltd. Details

2.3.2 Lynas Corporation Ltd. Major Business

2.3.3 Lynas Corporation Ltd. High Purity Gadolinium Product and Services

2.3.4 Lynas Corporation Ltd. High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Lynas Corporation Ltd. Recent Developments/Updates

2.4 Ganzhou Rare Earth Group

2.4.1 Ganzhou Rare Earth Group Details

2.4.2 Ganzhou Rare Earth Group Major Business

2.4.3 Ganzhou Rare Earth Group High Purity Gadolinium Product and Services

2.4.4 Ganzhou Rare Earth Group High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Ganzhou Rare Earth Group Recent Developments/Updates

2.5 Molycorp

2.5.1 Molycorp Details

2.5.2 Molycorp Major Business

2.5.3 Molycorp High Purity Gadolinium Product and Services

2.5.4 Molycorp High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Molycorp Recent Developments/Updates

2.6 Arafura Resources Ltd.

2.6.1 Arafura Resources Ltd. Details

2.6.2 Arafura Resources Ltd. Major Business

2.6.3 Arafura Resources Ltd. High Purity Gadolinium Product and Services

2.6.4 Arafura Resources Ltd. High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 Arafura Resources Ltd. Recent Developments/Updates

2.7 Baotou Steel Rare-Earth (Group) Hi-Tech

2.7.1 Baotou Steel Rare-Earth (Group) Hi-Tech Details

2.7.2 Baotou Steel Rare-Earth (Group) Hi-Tech Major Business

2.7.3 Baotou Steel Rare-Earth (Group) Hi-Tech High Purity Gadolinium Product and Services

2.7.4 Baotou Steel Rare-Earth (Group) Hi-Tech High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Baotou Steel Rare-Earth (Group) Hi-Tech Recent Developments/Updates

## 2.8 Energy Fuels Inc.

### 2.8.1 Energy Fuels Inc. Details

### 2.8.2 Energy Fuels Inc. Major Business

### 2.8.3 Energy Fuels Inc. High Purity Gadolinium Product and Services

### 2.8.4 Energy Fuels Inc. High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.8.5 Energy Fuels Inc. Recent Developments/Updates

## 2.9 American Rare Earths Ltd.

### 2.9.1 American Rare Earths Ltd. Details

### 2.9.2 American Rare Earths Ltd. Major Business

### 2.9.3 American Rare Earths Ltd. High Purity Gadolinium Product and Services

### 2.9.4 American Rare Earths Ltd. High Purity Gadolinium Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

### 2.9.5 American Rare Earths Ltd. Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: HIGH PURITY GADOLINIUM BY MANUFACTURER**

### 3.1 Global High Purity Gadolinium Sales Quantity by Manufacturer (2020-2025)

### 3.2 Global High Purity Gadolinium Revenue by Manufacturer (2020-2025)

### 3.3 Global High Purity Gadolinium Average Price by Manufacturer (2020-2025)

### 3.4 Market Share Analysis (2024)

#### 3.4.1 Producer Shipments of High Purity Gadolinium by Manufacturer Revenue (\$MM) and Market Share (%): 2024

#### 3.4.2 Top 3 High Purity Gadolinium Manufacturer Market Share in 2024

#### 3.4.3 Top 6 High Purity Gadolinium Manufacturer Market Share in 2024

### 3.5 High Purity Gadolinium Market: Overall Company Footprint Analysis

#### 3.5.1 High Purity Gadolinium Market: Region Footprint

#### 3.5.2 High Purity Gadolinium Market: Company Product Type Footprint

#### 3.5.3 High Purity Gadolinium Market: Company Product Application Footprint

### 3.6 New Market Entrants and Barriers to Market Entry

### 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

### 4.1 Global High Purity Gadolinium Market Size by Region

#### 4.1.1 Global High Purity Gadolinium Sales Quantity by Region (2020-2031)

#### 4.1.2 Global High Purity Gadolinium Consumption Value by Region (2020-2031)

#### 4.1.3 Global High Purity Gadolinium Average Price by Region (2020-2031)

- 4.2 North America High Purity Gadolinium Consumption Value (2020-2031)
- 4.3 Europe High Purity Gadolinium Consumption Value (2020-2031)
- 4.4 Asia-Pacific High Purity Gadolinium Consumption Value (2020-2031)
- 4.5 South America High Purity Gadolinium Consumption Value (2020-2031)
- 4.6 Middle East & Africa High Purity Gadolinium Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global High Purity Gadolinium Sales Quantity by Type (2020-2031)
- 5.2 Global High Purity Gadolinium Consumption Value by Type (2020-2031)
- 5.3 Global High Purity Gadolinium Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global High Purity Gadolinium Sales Quantity by Application (2020-2031)
- 6.2 Global High Purity Gadolinium Consumption Value by Application (2020-2031)
- 6.3 Global High Purity Gadolinium Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

- 7.1 North America High Purity Gadolinium Sales Quantity by Type (2020-2031)
- 7.2 North America High Purity Gadolinium Sales Quantity by Application (2020-2031)
- 7.3 North America High Purity Gadolinium Market Size by Country
  - 7.3.1 North America High Purity Gadolinium Sales Quantity by Country (2020-2031)
  - 7.3.2 North America High Purity Gadolinium Consumption Value by Country (2020-2031)
  - 7.3.3 United States Market Size and Forecast (2020-2031)
  - 7.3.4 Canada Market Size and Forecast (2020-2031)
  - 7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

- 8.1 Europe High Purity Gadolinium Sales Quantity by Type (2020-2031)
- 8.2 Europe High Purity Gadolinium Sales Quantity by Application (2020-2031)
- 8.3 Europe High Purity Gadolinium Market Size by Country
  - 8.3.1 Europe High Purity Gadolinium Sales Quantity by Country (2020-2031)
  - 8.3.2 Europe High Purity Gadolinium Consumption Value by Country (2020-2031)
  - 8.3.3 Germany Market Size and Forecast (2020-2031)
  - 8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific High Purity Gadolinium Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific High Purity Gadolinium Sales Quantity by Application (2020-2031)

9.3 Asia-Pacific High Purity Gadolinium Market Size by Region

9.3.1 Asia-Pacific High Purity Gadolinium Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific High Purity Gadolinium Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

10.1 South America High Purity Gadolinium Sales Quantity by Type (2020-2031)

10.2 South America High Purity Gadolinium Sales Quantity by Application (2020-2031)

10.3 South America High Purity Gadolinium Market Size by Country

10.3.1 South America High Purity Gadolinium Sales Quantity by Country (2020-2031)

10.3.2 South America High Purity Gadolinium Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa High Purity Gadolinium Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa High Purity Gadolinium Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa High Purity Gadolinium Market Size by Country

11.3.1 Middle East & Africa High Purity Gadolinium Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa High Purity Gadolinium Consumption Value by Country (2020-2031)

- 11.3.3 Turkey Market Size and Forecast (2020-2031)
- 11.3.4 Egypt Market Size and Forecast (2020-2031)
- 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
- 11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

- 12.1 High Purity Gadolinium Market Drivers
- 12.2 High Purity Gadolinium Market Restraints
- 12.3 High Purity Gadolinium Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of High Purity Gadolinium and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of High Purity Gadolinium
- 13.3 High Purity Gadolinium Production Process
- 13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 High Purity Gadolinium Typical Distributors
- 14.3 High Purity Gadolinium Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global High Purity Gadolinium Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global High Purity Gadolinium Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. China Northern Rare Earth Group High-Tech Basic Information, Manufacturing Base and Competitors

Table 4. China Northern Rare Earth Group High-Tech Major Business

Table 5. China Northern Rare Earth Group High-Tech High Purity Gadolinium Product and Services

Table 6. China Northern Rare Earth Group High-Tech High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. China Northern Rare Earth Group High-Tech Recent Developments/Updates

Table 8. Shin-Etsu Chemical Basic Information, Manufacturing Base and Competitors

Table 9. Shin-Etsu Chemical Major Business

Table 10. Shin-Etsu Chemical High Purity Gadolinium Product and Services

Table 11. Shin-Etsu Chemical High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Shin-Etsu Chemical Recent Developments/Updates

Table 13. Lynas Corporation Ltd. Basic Information, Manufacturing Base and Competitors

Table 14. Lynas Corporation Ltd. Major Business

Table 15. Lynas Corporation Ltd. High Purity Gadolinium Product and Services

Table 16. Lynas Corporation Ltd. High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Lynas Corporation Ltd. Recent Developments/Updates

Table 18. Ganzhou Rare Earth Group Basic Information, Manufacturing Base and Competitors

Table 19. Ganzhou Rare Earth Group Major Business

Table 20. Ganzhou Rare Earth Group High Purity Gadolinium Product and Services

Table 21. Ganzhou Rare Earth Group High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

- Table 22. Ganzhou Rare Earth Group Recent Developments/Updates
- Table 23. Molycorp Basic Information, Manufacturing Base and Competitors
- Table 24. Molycorp Major Business
- Table 25. Molycorp High Purity Gadolinium Product and Services
- Table 26. Molycorp High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 27. Molycorp Recent Developments/Updates
- Table 28. Arafura Resources Ltd. Basic Information, Manufacturing Base and Competitors
- Table 29. Arafura Resources Ltd. Major Business
- Table 30. Arafura Resources Ltd. High Purity Gadolinium Product and Services
- Table 31. Arafura Resources Ltd. High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 32. Arafura Resources Ltd. Recent Developments/Updates
- Table 33. Baotou Steel Rare-Earth (Group) Hi-Tech Basic Information, Manufacturing Base and Competitors
- Table 34. Baotou Steel Rare-Earth (Group) Hi-Tech Major Business
- Table 35. Baotou Steel Rare-Earth (Group) Hi-Tech High Purity Gadolinium Product and Services
- Table 36. Baotou Steel Rare-Earth (Group) Hi-Tech High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 37. Baotou Steel Rare-Earth (Group) Hi-Tech Recent Developments/Updates
- Table 38. Energy Fuels Inc. Basic Information, Manufacturing Base and Competitors
- Table 39. Energy Fuels Inc. Major Business
- Table 40. Energy Fuels Inc. High Purity Gadolinium Product and Services
- Table 41. Energy Fuels Inc. High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 42. Energy Fuels Inc. Recent Developments/Updates
- Table 43. American Rare Earths Ltd. Basic Information, Manufacturing Base and Competitors
- Table 44. American Rare Earths Ltd. Major Business
- Table 45. American Rare Earths Ltd. High Purity Gadolinium Product and Services
- Table 46. American Rare Earths Ltd. High Purity Gadolinium Sales Quantity (Kilotons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 47. American Rare Earths Ltd. Recent Developments/Updates
- Table 48. Global High Purity Gadolinium Sales Quantity by Manufacturer (2020-2025) &

(Kilotons)

Table 49. Global High Purity Gadolinium Revenue by Manufacturer (2020-2025) & (USD Million)

Table 50. Global High Purity Gadolinium Average Price by Manufacturer (2020-2025) & (US\$/Ton)

Table 51. Market Position of Manufacturers in High Purity Gadolinium, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 52. Head Office and High Purity Gadolinium Production Site of Key Manufacturer

Table 53. High Purity Gadolinium Market: Company Product Type Footprint

Table 54. High Purity Gadolinium Market: Company Product Application Footprint

Table 55. High Purity Gadolinium New Market Entrants and Barriers to Market Entry

Table 56. High Purity Gadolinium Mergers, Acquisition, Agreements, and Collaborations

Table 57. Global High Purity Gadolinium Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 58. Global High Purity Gadolinium Sales Quantity by Region (2020-2025) & (Kilotons)

Table 59. Global High Purity Gadolinium Sales Quantity by Region (2026-2031) & (Kilotons)

Table 60. Global High Purity Gadolinium Consumption Value by Region (2020-2025) & (USD Million)

Table 61. Global High Purity Gadolinium Consumption Value by Region (2026-2031) & (USD Million)

Table 62. Global High Purity Gadolinium Average Price by Region (2020-2025) & (US\$/Ton)

Table 63. Global High Purity Gadolinium Average Price by Region (2026-2031) & (US\$/Ton)

Table 64. Global High Purity Gadolinium Sales Quantity by Type (2020-2025) & (Kilotons)

Table 65. Global High Purity Gadolinium Sales Quantity by Type (2026-2031) & (Kilotons)

Table 66. Global High Purity Gadolinium Consumption Value by Type (2020-2025) & (USD Million)

Table 67. Global High Purity Gadolinium Consumption Value by Type (2026-2031) & (USD Million)

Table 68. Global High Purity Gadolinium Average Price by Type (2020-2025) & (US\$/Ton)

Table 69. Global High Purity Gadolinium Average Price by Type (2026-2031) & (US\$/Ton)

Table 70. Global High Purity Gadolinium Sales Quantity by Application (2020-2025) &

(Kilotons)

Table 71. Global High Purity Gadolinium Sales Quantity by Application (2026-2031) & (Kilotons)

Table 72. Global High Purity Gadolinium Consumption Value by Application (2020-2025) & (USD Million)

Table 73. Global High Purity Gadolinium Consumption Value by Application (2026-2031) & (USD Million)

Table 74. Global High Purity Gadolinium Average Price by Application (2020-2025) & (US\$/Ton)

Table 75. Global High Purity Gadolinium Average Price by Application (2026-2031) & (US\$/Ton)

Table 76. North America High Purity Gadolinium Sales Quantity by Type (2020-2025) & (Kilotons)

Table 77. North America High Purity Gadolinium Sales Quantity by Type (2026-2031) & (Kilotons)

Table 78. North America High Purity Gadolinium Sales Quantity by Application (2020-2025) & (Kilotons)

Table 79. North America High Purity Gadolinium Sales Quantity by Application (2026-2031) & (Kilotons)

Table 80. North America High Purity Gadolinium Sales Quantity by Country (2020-2025) & (Kilotons)

Table 81. North America High Purity Gadolinium Sales Quantity by Country (2026-2031) & (Kilotons)

Table 82. North America High Purity Gadolinium Consumption Value by Country (2020-2025) & (USD Million)

Table 83. North America High Purity Gadolinium Consumption Value by Country (2026-2031) & (USD Million)

Table 84. Europe High Purity Gadolinium Sales Quantity by Type (2020-2025) & (Kilotons)

Table 85. Europe High Purity Gadolinium Sales Quantity by Type (2026-2031) & (Kilotons)

Table 86. Europe High Purity Gadolinium Sales Quantity by Application (2020-2025) & (Kilotons)

Table 87. Europe High Purity Gadolinium Sales Quantity by Application (2026-2031) & (Kilotons)

Table 88. Europe High Purity Gadolinium Sales Quantity by Country (2020-2025) & (Kilotons)

Table 89. Europe High Purity Gadolinium Sales Quantity by Country (2026-2031) & (Kilotons)

Table 90. Europe High Purity Gadolinium Consumption Value by Country (2020-2025) & (USD Million)

Table 91. Europe High Purity Gadolinium Consumption Value by Country (2026-2031) & (USD Million)

Table 92. Asia-Pacific High Purity Gadolinium Sales Quantity by Type (2020-2025) & (Kilotons)

Table 93. Asia-Pacific High Purity Gadolinium Sales Quantity by Type (2026-2031) & (Kilotons)

Table 94. Asia-Pacific High Purity Gadolinium Sales Quantity by Application (2020-2025) & (Kilotons)

Table 95. Asia-Pacific High Purity Gadolinium Sales Quantity by Application (2026-2031) & (Kilotons)

Table 96. Asia-Pacific High Purity Gadolinium Sales Quantity by Region (2020-2025) & (Kilotons)

Table 97. Asia-Pacific High Purity Gadolinium Sales Quantity by Region (2026-2031) & (Kilotons)

Table 98. Asia-Pacific High Purity Gadolinium Consumption Value by Region (2020-2025) & (USD Million)

Table 99. Asia-Pacific High Purity Gadolinium Consumption Value by Region (2026-2031) & (USD Million)

Table 100. South America High Purity Gadolinium Sales Quantity by Type (2020-2025) & (Kilotons)

Table 101. South America High Purity Gadolinium Sales Quantity by Type (2026-2031) & (Kilotons)

Table 102. South America High Purity Gadolinium Sales Quantity by Application (2020-2025) & (Kilotons)

Table 103. South America High Purity Gadolinium Sales Quantity by Application (2026-2031) & (Kilotons)

Table 104. South America High Purity Gadolinium Sales Quantity by Country (2020-2025) & (Kilotons)

Table 105. South America High Purity Gadolinium Sales Quantity by Country (2026-2031) & (Kilotons)

Table 106. South America High Purity Gadolinium Consumption Value by Country (2020-2025) & (USD Million)

Table 107. South America High Purity Gadolinium Consumption Value by Country (2026-2031) & (USD Million)

Table 108. Middle East & Africa High Purity Gadolinium Sales Quantity by Type (2020-2025) & (Kilotons)

Table 109. Middle East & Africa High Purity Gadolinium Sales Quantity by Type

(2026-2031) & (Kilotons)

Table 110. Middle East & Africa High Purity Gadolinium Sales Quantity by Application (2020-2025) & (Kilotons)

Table 111. Middle East & Africa High Purity Gadolinium Sales Quantity by Application (2026-2031) & (Kilotons)

Table 112. Middle East & Africa High Purity Gadolinium Sales Quantity by Country (2020-2025) & (Kilotons)

Table 113. Middle East & Africa High Purity Gadolinium Sales Quantity by Country (2026-2031) & (Kilotons)

Table 114. Middle East & Africa High Purity Gadolinium Consumption Value by Country (2020-2025) & (USD Million)

Table 115. Middle East & Africa High Purity Gadolinium Consumption Value by Country (2026-2031) & (USD Million)

Table 116. High Purity Gadolinium Raw Material

Table 117. Key Manufacturers of High Purity Gadolinium Raw Materials

Table 118. High Purity Gadolinium Typical Distributors

Table 119. High Purity Gadolinium Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. High Purity Gadolinium Picture

Figure 2. Global High Purity Gadolinium Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global High Purity Gadolinium Revenue Market Share by Type in 2024

Figure 4. Gadolinium Metal Examples

Figure 5. Gadolinium Oxide Examples

Figure 6. Gadolinium Salts Examples

Figure 7. Global High Purity Gadolinium Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global High Purity Gadolinium Revenue Market Share by Application in 2024

Figure 9. Medical Contrast Agents Examples

Figure 10. Magnetic Refrigeration Materials Examples

Figure 11. Nuclear Reactor Control Rods Examples

Figure 12. Permanent Magnetic Materials Examples

Figure 13. High-Strength Alloys Examples

Figure 14. Global High Purity Gadolinium Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 15. Global High Purity Gadolinium Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 16. Global High Purity Gadolinium Sales Quantity (2020-2031) & (Kilotons)

Figure 17. Global High Purity Gadolinium Price (2020-2031) & (US\$/Ton)

Figure 18. Global High Purity Gadolinium Sales Quantity Market Share by Manufacturer in 2024

Figure 19. Global High Purity Gadolinium Revenue Market Share by Manufacturer in 2024

Figure 20. Producer Shipments of High Purity Gadolinium by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 21. Top 3 High Purity Gadolinium Manufacturer (Revenue) Market Share in 2024

Figure 22. Top 6 High Purity Gadolinium Manufacturer (Revenue) Market Share in 2024

Figure 23. Global High Purity Gadolinium Sales Quantity Market Share by Region (2020-2031)

Figure 24. Global High Purity Gadolinium Consumption Value Market Share by Region (2020-2031)

Figure 25. North America High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 28. South America High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 30. Global High Purity Gadolinium Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global High Purity Gadolinium Consumption Value Market Share by Type (2020-2031)

Figure 32. Global High Purity Gadolinium Average Price by Type (2020-2031) & (US\$/Ton)

Figure 33. Global High Purity Gadolinium Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global High Purity Gadolinium Revenue Market Share by Application (2020-2031)

Figure 35. Global High Purity Gadolinium Average Price by Application (2020-2031) & (US\$/Ton)

Figure 36. North America High Purity Gadolinium Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America High Purity Gadolinium Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America High Purity Gadolinium Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America High Purity Gadolinium Consumption Value Market Share by Country (2020-2031)

Figure 40. United States High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe High Purity Gadolinium Sales Quantity Market Share by Type (2020-2031)

Figure 44. Europe High Purity Gadolinium Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe High Purity Gadolinium Sales Quantity Market Share by Country

(2020-2031)

Figure 46. Europe High Purity Gadolinium Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 48. France High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific High Purity Gadolinium Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific High Purity Gadolinium Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific High Purity Gadolinium Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific High Purity Gadolinium Consumption Value Market Share by Region (2020-2031)

Figure 56. China High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 59. India High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 62. South America High Purity Gadolinium Sales Quantity Market Share by Type (2020-2031)

Figure 63. South America High Purity Gadolinium Sales Quantity Market Share by Application (2020-2031)

Figure 64. South America High Purity Gadolinium Sales Quantity Market Share by Country (2020-2031)

Figure 65. South America High Purity Gadolinium Consumption Value Market Share by

Country (2020-2031)

Figure 66. Brazil High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 67. Argentina High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 68. Middle East & Africa High Purity Gadolinium Sales Quantity Market Share by Type (2020-2031)

Figure 69. Middle East & Africa High Purity Gadolinium Sales Quantity Market Share by Application (2020-2031)

Figure 70. Middle East & Africa High Purity Gadolinium Sales Quantity Market Share by Country (2020-2031)

Figure 71. Middle East & Africa High Purity Gadolinium Consumption Value Market Share by Country (2020-2031)

Figure 72. Turkey High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 73. Egypt High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 74. Saudi Arabia High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 75. South Africa High Purity Gadolinium Consumption Value (2020-2031) & (USD Million)

Figure 76. High Purity Gadolinium Market Drivers

Figure 77. High Purity Gadolinium Market Restraints

Figure 78. High Purity Gadolinium Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of High Purity Gadolinium in 2024

Figure 81. Manufacturing Process Analysis of High Purity Gadolinium

Figure 82. High Purity Gadolinium Industrial Chain

Figure 83. Sales Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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