

# Global Thulium(III) Carbonate Hydrate Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G115CD272204EN.html>

Date: February 2023

Pages: 96

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

ID: G115CD272204EN

## Abstracts

Thulium Carbonate is a water insoluble Thulium source that can easily be converted to other Thulium compounds, such as the oxide by heating (calcination).

According to our (Global Info Research) latest study, the global Thulium(III) Carbonate Hydrate market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Thulium(III) Carbonate Hydrate 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 2023, are provided.

Key Features:

Global Thulium(III) Carbonate Hydrate market size and forecasts, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2018-2029

Global Thulium(III) Carbonate Hydrate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2018-2029

Global Thulium(III) Carbonate Hydrate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K MT), and average selling prices (USD/MT), 2018-2029

Global Thulium(III) Carbonate Hydrate market shares of main players, shipments in revenue (\$ Million), sales quantity (K MT), and ASP (USD/MT), 2018-2023

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 Thulium(III) Carbonate Hydrate

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 Thulium(III) Carbonate Hydrate market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Shandong Desheng New Material Co. Ltd, ProChem, Edgetech Industries, Ottokemi and Antai Fine Chemical Technology Co, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Thulium(III) Carbonate Hydrate market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

2N

3N

4N

#### Market segment by Application

Chemical Manufacturing

Research & Laboratory

#### Major players covered

Shandong Desheng New Material Co. Ltd

ProChem

Edgetech Industries

Ottokemi

Antai Fine Chemical Technology Co

Wuhan kemike Biomedical Technology Co., Ltd

Hubei Norna Technology Co.

Chongqing Chemdad Co., 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 Thulium(III) Carbonate Hydrate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Thulium(III) Carbonate Hydrate, with price, sales, revenue and global market share of Thulium(III) Carbonate Hydrate from 2018 to 2023.

Chapter 3, the Thulium(III) Carbonate Hydrate competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Thulium(III) Carbonate Hydrate breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

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

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Thulium(III) Carbonate Hydrate market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Thulium(III) Carbonate Hydrate.

Chapter 14 and 15, to describe Thulium(III) Carbonate Hydrate sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Thulium(III) Carbonate Hydrate
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Thulium(III) Carbonate Hydrate Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 2N
  - 1.3.3 3N
  - 1.3.4 4N
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Thulium(III) Carbonate Hydrate Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Chemical Manufacturing
  - 1.4.3 Research & Laboratory
- 1.5 Global Thulium(III) Carbonate Hydrate Market Size & Forecast
  - 1.5.1 Global Thulium(III) Carbonate Hydrate Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Thulium(III) Carbonate Hydrate Sales Quantity (2018-2029)
  - 1.5.3 Global Thulium(III) Carbonate Hydrate Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Shandong Desheng New Material Co. Ltd
  - 2.1.1 Shandong Desheng New Material Co. Ltd Details
  - 2.1.2 Shandong Desheng New Material Co. Ltd Major Business
  - 2.1.3 Shandong Desheng New Material Co. Ltd Thulium(III) Carbonate Hydrate Product and Services
  - 2.1.4 Shandong Desheng New Material Co. Ltd Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Shandong Desheng New Material Co. Ltd Recent Developments/Updates
- 2.2 ProChem
  - 2.2.1 ProChem Details
  - 2.2.2 ProChem Major Business
  - 2.2.3 ProChem Thulium(III) Carbonate Hydrate Product and Services
  - 2.2.4 ProChem Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.2.5 ProChem Recent Developments/Updates
- 2.3 Edgetech Industries
  - 2.3.1 Edgetech Industries Details
  - 2.3.2 Edgetech Industries Major Business
  - 2.3.3 Edgetech Industries Thulium(III) Carbonate Hydrate Product and Services
  - 2.3.4 Edgetech Industries Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 Edgetech Industries Recent Developments/Updates
- 2.4 Ottokemi
  - 2.4.1 Ottokemi Details
  - 2.4.2 Ottokemi Major Business
  - 2.4.3 Ottokemi Thulium(III) Carbonate Hydrate Product and Services
  - 2.4.4 Ottokemi Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Ottokemi Recent Developments/Updates
- 2.5 Antai Fine Chemical Technology Co
  - 2.5.1 Antai Fine Chemical Technology Co Details
  - 2.5.2 Antai Fine Chemical Technology Co Major Business
  - 2.5.3 Antai Fine Chemical Technology Co Thulium(III) Carbonate Hydrate Product and Services
  - 2.5.4 Antai Fine Chemical Technology Co Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Antai Fine Chemical Technology Co Recent Developments/Updates
- 2.6 Wuhan kemike Biomedical Technology Co., Ltd
  - 2.6.1 Wuhan kemike Biomedical Technology Co., Ltd Details
  - 2.6.2 Wuhan kemike Biomedical Technology Co., Ltd Major Business
  - 2.6.3 Wuhan kemike Biomedical Technology Co., Ltd Thulium(III) Carbonate Hydrate Product and Services
  - 2.6.4 Wuhan kemike Biomedical Technology Co., Ltd Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Wuhan kemike Biomedical Technology Co., Ltd Recent Developments/Updates
- 2.7 Hubei Norna Technology Co.
  - 2.7.1 Hubei Norna Technology Co. Details
  - 2.7.2 Hubei Norna Technology Co. Major Business
  - 2.7.3 Hubei Norna Technology Co. Thulium(III) Carbonate Hydrate Product and Services
  - 2.7.4 Hubei Norna Technology Co. Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.7.5 Hubei Norna Technology Co. Recent Developments/Updates

## 2.8 Chongqing Chemdad Co., Ltd

2.8.1 Chongqing Chemdad Co., Ltd Details

2.8.2 Chongqing Chemdad Co., Ltd Major Business

2.8.3 Chongqing Chemdad Co., Ltd Thulium(III) Carbonate Hydrate Product and Services

2.8.4 Chongqing Chemdad Co., Ltd Thulium(III) Carbonate Hydrate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Chongqing Chemdad Co., Ltd Recent Developments/Updates

## **3 COMPETITIVE ENVIRONMENT: THULIUM(III) CARBONATE HYDRATE BY MANUFACTURER**

3.1 Global Thulium(III) Carbonate Hydrate Sales Quantity by Manufacturer (2018-2023)

3.2 Global Thulium(III) Carbonate Hydrate Revenue by Manufacturer (2018-2023)

3.3 Global Thulium(III) Carbonate Hydrate Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Thulium(III) Carbonate Hydrate by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Thulium(III) Carbonate Hydrate Manufacturer Market Share in 2022

3.4.2 Top 6 Thulium(III) Carbonate Hydrate Manufacturer Market Share in 2022

3.5 Thulium(III) Carbonate Hydrate Market: Overall Company Footprint Analysis

3.5.1 Thulium(III) Carbonate Hydrate Market: Region Footprint

3.5.2 Thulium(III) Carbonate Hydrate Market: Company Product Type Footprint

3.5.3 Thulium(III) Carbonate Hydrate 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 Thulium(III) Carbonate Hydrate Market Size by Region

4.1.1 Global Thulium(III) Carbonate Hydrate Sales Quantity by Region (2018-2029)

4.1.2 Global Thulium(III) Carbonate Hydrate Consumption Value by Region (2018-2029)

4.1.3 Global Thulium(III) Carbonate Hydrate Average Price by Region (2018-2029)

4.2 North America Thulium(III) Carbonate Hydrate Consumption Value (2018-2029)

4.3 Europe Thulium(III) Carbonate Hydrate Consumption Value (2018-2029)

4.4 Asia-Pacific Thulium(III) Carbonate Hydrate Consumption Value (2018-2029)

4.5 South America Thulium(III) Carbonate Hydrate Consumption Value (2018-2029)

4.6 Middle East and Africa Thulium(III) Carbonate Hydrate Consumption Value



(2018-2029)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2029)

5.2 Global Thulium(III) Carbonate Hydrate Consumption Value by Type (2018-2029)

5.3 Global Thulium(III) Carbonate Hydrate Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2029)

6.2 Global Thulium(III) Carbonate Hydrate Consumption Value by Application  
(2018-2029)

6.3 Global Thulium(III) Carbonate Hydrate Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2029)

7.2 North America Thulium(III) Carbonate Hydrate Sales Quantity by Application  
(2018-2029)

7.3 North America Thulium(III) Carbonate Hydrate Market Size by Country

7.3.1 North America Thulium(III) Carbonate Hydrate Sales Quantity by Country  
(2018-2029)

7.3.2 North America Thulium(III) Carbonate Hydrate Consumption Value by Country  
(2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2029)

8.2 Europe Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2029)

8.3 Europe Thulium(III) Carbonate Hydrate Market Size by Country

8.3.1 Europe Thulium(III) Carbonate Hydrate Sales Quantity by Country (2018-2029)

8.3.2 Europe Thulium(III) Carbonate Hydrate Consumption Value by Country  
(2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)



8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Thulium(III) Carbonate Hydrate Market Size by Region

9.3.1 Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Thulium(III) Carbonate Hydrate Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2029)

10.2 South America Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2029)

10.3 South America Thulium(III) Carbonate Hydrate Market Size by Country

10.3.1 South America Thulium(III) Carbonate Hydrate Sales Quantity by Country (2018-2029)

10.3.2 South America Thulium(III) Carbonate Hydrate Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Thulium(III) Carbonate Hydrate Market Size by Country

11.3.1 Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Thulium(III) Carbonate Hydrate Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

12.1 Thulium(III) Carbonate Hydrate Market Drivers

12.2 Thulium(III) Carbonate Hydrate Market Restraints

12.3 Thulium(III) Carbonate Hydrate 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

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

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

13.1 Raw Material of Thulium(III) Carbonate Hydrate and Key Manufacturers

13.2 Manufacturing Costs Percentage of Thulium(III) Carbonate Hydrate

13.3 Thulium(III) Carbonate Hydrate Production Process

13.4 Thulium(III) Carbonate Hydrate Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Thulium(III) Carbonate Hydrate Typical Distributors

14.3 Thulium(III) Carbonate Hydrate 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 Thulium(III) Carbonate Hydrate Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Thulium(III) Carbonate Hydrate Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Shandong Desheng New Material Co. Ltd Basic Information, Manufacturing Base and Competitors

Table 4. Shandong Desheng New Material Co. Ltd Major Business

Table 5. Shandong Desheng New Material Co. Ltd Thulium(III) Carbonate Hydrate Product and Services

Table 6. Shandong Desheng New Material Co. Ltd Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Shandong Desheng New Material Co. Ltd Recent Developments/Updates

Table 8. ProChem Basic Information, Manufacturing Base and Competitors

Table 9. ProChem Major Business

Table 10. ProChem Thulium(III) Carbonate Hydrate Product and Services

Table 11. ProChem Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. ProChem Recent Developments/Updates

Table 13. Edgetech Industries Basic Information, Manufacturing Base and Competitors

Table 14. Edgetech Industries Major Business

Table 15. Edgetech Industries Thulium(III) Carbonate Hydrate Product and Services

Table 16. Edgetech Industries Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Edgetech Industries Recent Developments/Updates

Table 18. Ottokemi Basic Information, Manufacturing Base and Competitors

Table 19. Ottokemi Major Business

Table 20. Ottokemi Thulium(III) Carbonate Hydrate Product and Services

Table 21. Ottokemi Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Ottokemi Recent Developments/Updates

Table 23. Antai Fine Chemical Technology Co Basic Information, Manufacturing Base and Competitors

Table 24. Antai Fine Chemical Technology Co Major Business

Table 25. Antai Fine Chemical Technology Co Thulium(III) Carbonate Hydrate Product and Services

Table 26. Antai Fine Chemical Technology Co Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Antai Fine Chemical Technology Co Recent Developments/Updates

Table 28. Wuhan kemike Biomedical Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 29. Wuhan kemike Biomedical Technology Co., Ltd Major Business

Table 30. Wuhan kemike Biomedical Technology Co., Ltd Thulium(III) Carbonate Hydrate Product and Services

Table 31. Wuhan kemike Biomedical Technology Co., Ltd Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Wuhan kemike Biomedical Technology Co., Ltd Recent Developments/Updates

Table 33. Hubei Norna Technology Co. Basic Information, Manufacturing Base and Competitors

Table 34. Hubei Norna Technology Co. Major Business

Table 35. Hubei Norna Technology Co. Thulium(III) Carbonate Hydrate Product and Services

Table 36. Hubei Norna Technology Co. Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Hubei Norna Technology Co. Recent Developments/Updates

Table 38. Chongqing Chemdad Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 39. Chongqing Chemdad Co., Ltd Major Business

Table 40. Chongqing Chemdad Co., Ltd Thulium(III) Carbonate Hydrate Product and Services

Table 41. Chongqing Chemdad Co., Ltd Thulium(III) Carbonate Hydrate Sales Quantity (K MT), Average Price (USD/MT), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Chongqing Chemdad Co., Ltd Recent Developments/Updates

Table 43. Global Thulium(III) Carbonate Hydrate Sales Quantity by Manufacturer (2018-2023) & (K MT)

Table 44. Global Thulium(III) Carbonate Hydrate Revenue by Manufacturer (2018-2023) & (USD Million)

Table 45. Global Thulium(III) Carbonate Hydrate Average Price by Manufacturer

(2018-2023) & (USD/MT)

Table 46. Market Position of Manufacturers in Thulium(III) Carbonate Hydrate, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 47. Head Office and Thulium(III) Carbonate Hydrate Production Site of Key Manufacturer

Table 48. Thulium(III) Carbonate Hydrate Market: Company Product Type Footprint

Table 49. Thulium(III) Carbonate Hydrate Market: Company Product Application Footprint

Table 50. Thulium(III) Carbonate Hydrate New Market Entrants and Barriers to Market Entry

Table 51. Thulium(III) Carbonate Hydrate Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global Thulium(III) Carbonate Hydrate Sales Quantity by Region (2018-2023) & (K MT)

Table 53. Global Thulium(III) Carbonate Hydrate Sales Quantity by Region (2024-2029) & (K MT)

Table 54. Global Thulium(III) Carbonate Hydrate Consumption Value by Region (2018-2023) & (USD Million)

Table 55. Global Thulium(III) Carbonate Hydrate Consumption Value by Region (2024-2029) & (USD Million)

Table 56. Global Thulium(III) Carbonate Hydrate Average Price by Region (2018-2023) & (USD/MT)

Table 57. Global Thulium(III) Carbonate Hydrate Average Price by Region (2024-2029) & (USD/MT)

Table 58. Global Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2023) & (K MT)

Table 59. Global Thulium(III) Carbonate Hydrate Sales Quantity by Type (2024-2029) & (K MT)

Table 60. Global Thulium(III) Carbonate Hydrate Consumption Value by Type (2018-2023) & (USD Million)

Table 61. Global Thulium(III) Carbonate Hydrate Consumption Value by Type (2024-2029) & (USD Million)

Table 62. Global Thulium(III) Carbonate Hydrate Average Price by Type (2018-2023) & (USD/MT)

Table 63. Global Thulium(III) Carbonate Hydrate Average Price by Type (2024-2029) & (USD/MT)

Table 64. Global Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2023) & (K MT)

Table 65. Global Thulium(III) Carbonate Hydrate Sales Quantity by Application

(2024-2029) & (K MT)

Table 66. Global Thulium(III) Carbonate Hydrate Consumption Value by Application (2018-2023) & (USD Million)

Table 67. Global Thulium(III) Carbonate Hydrate Consumption Value by Application (2024-2029) & (USD Million)

Table 68. Global Thulium(III) Carbonate Hydrate Average Price by Application (2018-2023) & (USD/MT)

Table 69. Global Thulium(III) Carbonate Hydrate Average Price by Application (2024-2029) & (USD/MT)

Table 70. North America Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2023) & (K MT)

Table 71. North America Thulium(III) Carbonate Hydrate Sales Quantity by Type (2024-2029) & (K MT)

Table 72. North America Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2023) & (K MT)

Table 73. North America Thulium(III) Carbonate Hydrate Sales Quantity by Application (2024-2029) & (K MT)

Table 74. North America Thulium(III) Carbonate Hydrate Sales Quantity by Country (2018-2023) & (K MT)

Table 75. North America Thulium(III) Carbonate Hydrate Sales Quantity by Country (2024-2029) & (K MT)

Table 76. North America Thulium(III) Carbonate Hydrate Consumption Value by Country (2018-2023) & (USD Million)

Table 77. North America Thulium(III) Carbonate Hydrate Consumption Value by Country (2024-2029) & (USD Million)

Table 78. Europe Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2023) & (K MT)

Table 79. Europe Thulium(III) Carbonate Hydrate Sales Quantity by Type (2024-2029) & (K MT)

Table 80. Europe Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2023) & (K MT)

Table 81. Europe Thulium(III) Carbonate Hydrate Sales Quantity by Application (2024-2029) & (K MT)

Table 82. Europe Thulium(III) Carbonate Hydrate Sales Quantity by Country (2018-2023) & (K MT)

Table 83. Europe Thulium(III) Carbonate Hydrate Sales Quantity by Country (2024-2029) & (K MT)

Table 84. Europe Thulium(III) Carbonate Hydrate Consumption Value by Country (2018-2023) & (USD Million)



Table 85. Europe Thulium(III) Carbonate Hydrate Consumption Value by Country (2024-2029) & (USD Million)

Table 86. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2023) & (K MT)

Table 87. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Type (2024-2029) & (K MT)

Table 88. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2023) & (K MT)

Table 89. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Application (2024-2029) & (K MT)

Table 90. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Region (2018-2023) & (K MT)

Table 91. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity by Region (2024-2029) & (K MT)

Table 92. Asia-Pacific Thulium(III) Carbonate Hydrate Consumption Value by Region (2018-2023) & (USD Million)

Table 93. Asia-Pacific Thulium(III) Carbonate Hydrate Consumption Value by Region (2024-2029) & (USD Million)

Table 94. South America Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2023) & (K MT)

Table 95. South America Thulium(III) Carbonate Hydrate Sales Quantity by Type (2024-2029) & (K MT)

Table 96. South America Thulium(III) Carbonate Hydrate Sales Quantity by Application (2018-2023) & (K MT)

Table 97. South America Thulium(III) Carbonate Hydrate Sales Quantity by Application (2024-2029) & (K MT)

Table 98. South America Thulium(III) Carbonate Hydrate Sales Quantity by Country (2018-2023) & (K MT)

Table 99. South America Thulium(III) Carbonate Hydrate Sales Quantity by Country (2024-2029) & (K MT)

Table 100. South America Thulium(III) Carbonate Hydrate Consumption Value by Country (2018-2023) & (USD Million)

Table 101. South America Thulium(III) Carbonate Hydrate Consumption Value by Country (2024-2029) & (USD Million)

Table 102. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Type (2018-2023) & (K MT)

Table 103. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Type (2024-2029) & (K MT)

Table 104. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by

Application (2018-2023) & (K MT)

Table 105. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Application (2024-2029) & (K MT)

Table 106. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Region (2018-2023) & (K MT)

Table 107. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity by Region (2024-2029) & (K MT)

Table 108. Middle East & Africa Thulium(III) Carbonate Hydrate Consumption Value by Region (2018-2023) & (USD Million)

Table 109. Middle East & Africa Thulium(III) Carbonate Hydrate Consumption Value by Region (2024-2029) & (USD Million)

Table 110. Thulium(III) Carbonate Hydrate Raw Material

Table 111. Key Manufacturers of Thulium(III) Carbonate Hydrate Raw Materials

Table 112. Thulium(III) Carbonate Hydrate Typical Distributors

Table 113. Thulium(III) Carbonate Hydrate Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Thulium(III) Carbonate Hydrate Picture
- Figure 2. Global Thulium(III) Carbonate Hydrate Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Thulium(III) Carbonate Hydrate Consumption Value Market Share by Type in 2022
- Figure 4. 2N Examples
- Figure 5. 3N Examples
- Figure 6. 4N Examples
- Figure 7. Global Thulium(III) Carbonate Hydrate Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 8. Global Thulium(III) Carbonate Hydrate Consumption Value Market Share by Application in 2022
- Figure 9. Chemical Manufacturing Examples
- Figure 10. Research & Laboratory Examples
- Figure 11. Global Thulium(III) Carbonate Hydrate Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 12. Global Thulium(III) Carbonate Hydrate Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 13. Global Thulium(III) Carbonate Hydrate Sales Quantity (2018-2029) & (K MT)
- Figure 14. Global Thulium(III) Carbonate Hydrate Average Price (2018-2029) & (USD/MT)
- Figure 15. Global Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Manufacturer in 2022
- Figure 16. Global Thulium(III) Carbonate Hydrate Consumption Value Market Share by Manufacturer in 2022
- Figure 17. Producer Shipments of Thulium(III) Carbonate Hydrate by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 18. Top 3 Thulium(III) Carbonate Hydrate Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Top 6 Thulium(III) Carbonate Hydrate Manufacturer (Consumption Value) Market Share in 2022
- Figure 20. Global Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Region (2018-2029)
- Figure 21. Global Thulium(III) Carbonate Hydrate Consumption Value Market Share by Region (2018-2029)

Figure 22. North America Thulium(III) Carbonate Hydrate Consumption Value (2018-2029) & (USD Million)

Figure 23. Europe Thulium(III) Carbonate Hydrate Consumption Value (2018-2029) & (USD Million)

Figure 24. Asia-Pacific Thulium(III) Carbonate Hydrate Consumption Value (2018-2029) & (USD Million)

Figure 25. South America Thulium(III) Carbonate Hydrate Consumption Value (2018-2029) & (USD Million)

Figure 26. Middle East & Africa Thulium(III) Carbonate Hydrate Consumption Value (2018-2029) & (USD Million)

Figure 27. Global Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Type (2018-2029)

Figure 28. Global Thulium(III) Carbonate Hydrate Consumption Value Market Share by Type (2018-2029)

Figure 29. Global Thulium(III) Carbonate Hydrate Average Price by Type (2018-2029) & (USD/MT)

Figure 30. Global Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Application (2018-2029)

Figure 31. Global Thulium(III) Carbonate Hydrate Consumption Value Market Share by Application (2018-2029)

Figure 32. Global Thulium(III) Carbonate Hydrate Average Price by Application (2018-2029) & (USD/MT)

Figure 33. North America Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Type (2018-2029)

Figure 34. North America Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Application (2018-2029)

Figure 35. North America Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Country (2018-2029)

Figure 36. North America Thulium(III) Carbonate Hydrate Consumption Value Market Share by Country (2018-2029)

Figure 37. United States Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Canada Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Mexico Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Europe Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Type (2018-2029)

Figure 41. Europe Thulium(III) Carbonate Hydrate Sales Quantity Market Share by

Application (2018-2029)

Figure 42. Europe Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Country (2018-2029)

Figure 43. Europe Thulium(III) Carbonate Hydrate Consumption Value Market Share by Country (2018-2029)

Figure 44. Germany Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. France Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. United Kingdom Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Russia Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Italy Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Type (2018-2029)

Figure 50. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Application (2018-2029)

Figure 51. Asia-Pacific Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Region (2018-2029)

Figure 52. Asia-Pacific Thulium(III) Carbonate Hydrate Consumption Value Market Share by Region (2018-2029)

Figure 53. China Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Japan Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Korea Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. India Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Southeast Asia Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Australia Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. South America Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Type (2018-2029)

Figure 60. South America Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Application (2018-2029)

- Figure 61. South America Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Country (2018-2029)
- Figure 62. South America Thulium(III) Carbonate Hydrate Consumption Value Market Share by Country (2018-2029)
- Figure 63. Brazil Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 64. Argentina Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 65. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Type (2018-2029)
- Figure 66. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Application (2018-2029)
- Figure 67. Middle East & Africa Thulium(III) Carbonate Hydrate Sales Quantity Market Share by Region (2018-2029)
- Figure 68. Middle East & Africa Thulium(III) Carbonate Hydrate Consumption Value Market Share by Region (2018-2029)
- Figure 69. Turkey Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 70. Egypt Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 71. Saudi Arabia Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 72. South Africa Thulium(III) Carbonate Hydrate Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 73. Thulium(III) Carbonate Hydrate Market Drivers
- Figure 74. Thulium(III) Carbonate Hydrate Market Restraints
- Figure 75. Thulium(III) Carbonate Hydrate Market Trends
- Figure 76. Porters Five Forces Analysis
- Figure 77. Manufacturing Cost Structure Analysis of Thulium(III) Carbonate Hydrate in 2022
- Figure 78. Manufacturing Process Analysis of Thulium(III) Carbonate Hydrate
- Figure 79. Thulium(III) Carbonate Hydrate Industrial Chain
- Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 81. Direct Channel Pros & Cons
- Figure 82. Indirect Channel Pros & Cons
- Figure 83. Methodology
- Figure 84. Research Process and Data Source



## I would like to order

Product name: Global Thulium(III) Carbonate Hydrate Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G115CD272204EN.html>

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

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G115CD272204EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



