

# **Rubidium Market by Production Process (Lepidolite, Pollucite, and Others), Grade (Technical Grade Metal, High-purity Grade), Application Sector (Biomedical Research, Electronics, Specialty Glass, Pyrotechnics, and Others), and Region 2023-2028**

<https://marketpublishers.com/r/RF9D33975A81EN.html>

Date: January 2023

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: RF9D33975A81EN

## **Abstracts**

The global rubidium market reached a volume of 2.7 Kilo Tons in 2022. Looking forward, IMARC Group expects the market to reach 3.3 Kilo Tons by 2028, exhibiting a growth rate (CAGR) of 3.60% during 2023-2028.

Rubidium (Rb) is a soft, silvery-white, and highly reactive lithophile metallic element of the alkali group. It is the second most electropositive element that reacts violently with ice and water and sets fire to the liberated hydrogen. It oxidizes when reacting with oxygen and quickly ignites when exposed to air due to humidity. It is used as an ion engine for space vehicles and in vacuum tubes as a getter that helps remove residual gases. It is also utilized as a coating on the electrodes of thermionic power converters to convert heat energy into electrical energy by driving electrons through a vacuum gap. Besides this, Rb finds extensive applications in making specialty glasses that are installed in night-vision devices and fiber optics telecommunications systems for electrical conductivity.

### **Rubidium Market Trends:**

The increasing global population is catalyzing the demand for consumer electronic goods. This represents one of the key factors positively influencing the market. In addition, the rising adoption of Rb in manufacturing electrical-signal generators in motion-sensor devices, night vision devices, solar panels, and photomultiplier tubes, on account of its photo-emissive properties, is supporting the market growth. Apart from this, the growing use of fiber optics telecommunications due to its impressive high-

speed connectivity, coupled with rising solar energy consumption in various countries, is driving the demand for specialty glasses. The increasing awareness among individuals about the use of renewable sources of energy to reduce carbon footprints is catalyzing the demand for solar panels across the globe. Additionally, governments of various countries are encouraging individuals to use solar energy, which is contributing to market growth. Moreover, the escalating demand for Rb in biomedical research is expected to propel market growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global rubidium market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on production process, grade and application sector.

#### Breakup by Production Process:

- Lepidolite
- Pollucite
- Others

#### Breakup by Grade:

- Technical Grade Metal
- High-purity Grade

#### Breakup by Application Sector:

- Biomedical Research
- Electronics
- Specialty Glass
- Pyrotechnics
- Others

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia-Pacific

China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being American Elements, ESPI Metals Inc., Ganfeng Lithium Group, Inorganic Ventures Inc., Lanhit, Lepidico, Merck KGaA, Otto Chemie Pvt Ltd and Sinomine Resource Group Co. Ltd. Kindly, note that this only represents a partial list of companies, and the complete list has been provided in the report.

#### Key Questions Answered in This Report:

How has the global rubidium market performed so far and how will it perform in the coming years?  
What has been the impact of COVID-19 on the global rubidium market?  
What are the key regional markets?  
What is the breakup of the market based on the production process?  
What is the breakup of the market based on the grade?  
What is the breakup of the market based on the application sector?  
What are the various stages in the value chain of the industry?  
What are the key driving factors and challenges in the industry?  
What is the structure of the global rubidium market and who are the key players?

What is the degree of competition in the industry?

## Contents

### 1 PREFACE

### 2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### 3 EXECUTIVE SUMMARY

### 4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

### 5 GLOBAL RUBIDIUM MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### 6 MARKET BREAKUP BY PRODUCTION PROCESS

- 6.1 Lepidolite
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Pollucite
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Others

6.3.1 Market Trends

6.3.2 Market Forecast

## **7 MARKET BREAKUP BY GRADE**

7.1 Technical Grade Metal

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 High-purity Grade

7.2.1 Market Trends

7.2.2 Market Forecast

## **8 MARKET BREAKUP BY APPLICATION SECTOR**

8.1 Biomedical Research

8.1.1 Market Trends

8.1.2 Market Forecast

8.2 Electronics

8.2.1 Market Trends

8.2.2 Market Forecast

8.3 Specialty Glass

8.3.1 Market Trends

8.3.2 Market Forecast

8.4 Pyrotechnics

8.4.1 Market Trends

8.4.2 Market Forecast

8.5 Others

8.5.1 Market Trends

8.5.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

## 9.2 Asia-Pacific

### 9.2.1 China

#### 9.2.1.1 Market Trends

#### 9.2.1.2 Market Forecast

### 9.2.2 Japan

#### 9.2.2.1 Market Trends

#### 9.2.2.2 Market Forecast

### 9.2.3 India

#### 9.2.3.1 Market Trends

#### 9.2.3.2 Market Forecast

### 9.2.4 South Korea

#### 9.2.4.1 Market Trends

#### 9.2.4.2 Market Forecast

### 9.2.5 Australia

#### 9.2.5.1 Market Trends

#### 9.2.5.2 Market Forecast

### 9.2.6 Indonesia

#### 9.2.6.1 Market Trends

#### 9.2.6.2 Market Forecast

### 9.2.7 Others

#### 9.2.7.1 Market Trends

#### 9.2.7.2 Market Forecast

## 9.3 Europe

### 9.3.1 Germany

#### 9.3.1.1 Market Trends

#### 9.3.1.2 Market Forecast

### 9.3.2 France

#### 9.3.2.1 Market Trends

#### 9.3.2.2 Market Forecast

### 9.3.3 United Kingdom

#### 9.3.3.1 Market Trends

#### 9.3.3.2 Market Forecast

### 9.3.4 Italy

#### 9.3.4.1 Market Trends

#### 9.3.4.2 Market Forecast

### 9.3.5 Spain

#### 9.3.5.1 Market Trends

#### 9.3.5.2 Market Forecast

### 9.3.6 Russia

9.3.6.1 Market Trends

9.3.6.2 Market Forecast

9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

## **10 SWOT ANALYSIS**

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

12.1 Overview

12.2 Bargaining Power of Buyers

12.3 Bargaining Power of Suppliers

12.4 Degree of Competition

12.5 Threat of New Entrants

12.6 Threat of Substitutes



## 13 PRICE ANALYSIS

## 14 COMPETITIVE LANDSCAPE

### 14.1 Market Structure

### 14.2 Key Players

### 14.3 Profiles of Key Players

#### 14.3.1 American Elements

##### 14.3.1.1 Company Overview

##### 14.3.1.2 Product Portfolio

#### 14.3.2 ESPI Metals Inc.

##### 14.3.2.1 Company Overview

##### 14.3.2.2 Product Portfolio

#### 14.3.3 Ganfeng Lithium Group

##### 14.3.3.1 Company Overview

##### 14.3.3.2 Product Portfolio

##### 14.3.3.3 Financials

#### 14.3.4 Inorganic Ventures Inc.

##### 14.3.4.1 Company Overview

##### 14.3.4.2 Product Portfolio

#### 14.3.5 Lanhit

##### 14.3.5.1 Company Overview

##### 14.3.5.2 Product Portfolio

#### 14.3.6 Lepidico

##### 14.3.6.1 Company Overview

##### 14.3.6.2 Product Portfolio

##### 14.3.6.3 Financials

#### 14.3.7 Merck KGaA

##### 14.3.7.1 Company Overview

##### 14.3.7.2 Product Portfolio

##### 14.3.7.3 Financials

##### 14.3.7.4 SWOT Analysis

#### 14.3.8 Otto Chemie Pvt Ltd

##### 14.3.8.1 Company Overview

##### 14.3.8.2 Product Portfolio

#### 14.3.9 Sinomine Resource Group Co. Ltd

##### 14.3.9.1 Company Overview

##### 14.3.9.2 Product Portfolio

##### 14.3.9.3 Financials

Kindly, note that this only represents a partial list of companies, and the complete list has been provided in the report

## List Of Tables

### LIST OF TABLES

Table 1: Global: Rubidium Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Rubidium Market Forecast: Breakup by Production Process (in Million US\$), 2023-2028

Table 3: Global: Rubidium Market Forecast: Breakup by Grade (in Million US\$), 2023-2028

Table 4: Global: Rubidium Market Forecast: Breakup by Application Sector (in Million US\$), 2023-2028

Table 5: Global: Rubidium Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Rubidium Market: Competitive Structure

Table 7: Global: Rubidium Market: Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global: Rubidium Market: Major Drivers and Challenges
- Figure 2: Global: Rubidium Market: Volume Trends (in Kilo Tons), 2017-2022
- Figure 3: Global: Rubidium Market Forecast: Volume Trends (in Kilo Tons), 2023-2028
- Figure 4: Global: Rubidium Market: Sales Value (in Million US\$), 2017-2027
- Figure 5: Global: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 6: Global: Rubidium Market: Breakup by Production Process (in %), 2022
- Figure 7: Global: Rubidium Market: Breakup by Grade (in %), 2022
- Figure 8: Global: Rubidium Market: Breakup by Application Sector (in %), 2022
- Figure 9: Global: Rubidium Market: Breakup by Region (in %), 2022
- Figure 10: Global: Rubidium (Lepidolite) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 11: Global: Rubidium (Lepidolite) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 12: Global: Rubidium (Pollucite) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 13: Global: Rubidium (Pollucite) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 14: Global: Rubidium (Other Production Processes) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 15: Global: Rubidium (Other Production Processes) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 16: Global: Rubidium (Technical Grade Metal) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 17: Global: Rubidium (Technical Grade Metal) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 18: Global: Rubidium (High-purity Grade) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 19: Global: Rubidium (High-purity Grade) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 20: Global: Rubidium (Biomedical Research) Market: Sales Value (in Million US\$), 2017 & 2022
- Figure 21: Global: Rubidium (Biomedical Research) Market Forecast: Sales Value (in Million US\$), 2023-2028
- Figure 22: Global: Rubidium (Electronics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Rubidium (Electronics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Rubidium (Specialty Glass) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Rubidium (Specialty Glass) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Rubidium (Pyrotechnics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Rubidium (Pyrotechnics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Rubidium (Other Applications Sectors) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Rubidium (Other Applications Sectors) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: North America: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: North America: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: United States: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: United States: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Canada: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Canada: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Asia-Pacific: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Asia-Pacific: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: China: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: China: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Japan: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Japan: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: India: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: India: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: South Korea: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: South Korea: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Australia: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Australia: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Indonesia: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Indonesia: Rubidium Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 50: Others: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Others: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Europe: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Europe: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Germany: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Germany: Rubidium Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 56: France: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: France: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: United Kingdom: Rubidium Market: Sales Value (in Million US\$), 2017 &  
2022

Figure 59: United Kingdom: Rubidium Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 60: Italy: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Italy: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Spain: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Spain: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Russia: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Russia: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Others: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Others: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Latin America: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Latin America: Rubidium Market Forecast: Sales Value (in Million US\$),  
2023-2028

Figure 70: Brazil: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Brazil: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Mexico: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Mexico: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Others: Rubidium Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Others: Rubidium Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Middle East and Africa: Rubidium Market: Sales Value (in Million US\$), 2017  
& 2022

Figure 77: Middle East and Africa: Rubidium Market: Breakup by Country (in %), 2021

Figure 78: Middle East and Africa: Rubidium Market Forecast: Sales Value (in Million  
US\$), 2023-2028

Figure 79: Global: Rubidium Industry: SWOT Analysis

Figure 80: Global: Rubidium Industry: Value Chain Analysis

Figure 81: Global: Rubidium Industry: Porter's Five Forces Analysis

## I would like to order

Product name: Rubidium Market by Production Process (Lepidolite, Pollucite, and Others), Grade (Technical Grade Metal, High-purity Grade), Application Sector (Biomedical Research, Electronics, Specialty Glass, Pyrotechnics, and Others), and Region 2023-2028

Product link: <https://marketpublishers.com/r/RF9D33975A81EN.html>

Price: US\$ 2,499.00 (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/RF9D33975A81EN.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