

# Global Cesium Iodide Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

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## Abstracts

This report studies the Cesium Iodide market, mainly focus on the caesium iodide crystals. The most important use of Caesium iodide. Caesium iodide (chemical formula CsI) is the ionic compound of caesium and iodine. It is often used as the input phosphor of an X-ray image intensifier tube found in fluoroscopy equipment. Caesium iodide photocathodes are highly efficient at extreme ultraviolet wavelengths. Cesium iodide is a scintillation material with a high gamma-ray stopping power due to its relative high density and effective atomic number. It is used either in its undoped form or doped with sodium or thallium for scintillation counting. CsI has not high resistance to thermal and mechanical shock due to the absence of a cleavage plane. Compared to NaI (TI) it is relatively soft and plastic material.

An important application of caesium iodide crystals, which are scintillators, is electromagnetic calorimetry in experimental particle physics. Pure CsI is a fast and dense scintillating material with relatively low light yield that increases significantly with cooling. It shows two main emission components: one in the near ultraviolet region at the wavelength of 310 nm and one at 460 nm. The drawbacks of CsI are a high temperature gradient and a slight hygroscopicity.

According to APO Research, The global Cesium Iodide market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Europe is the largest producer of Cesium Iodide, with a market share nearly 50%. It was followed by Japan with 25%. Saint Gobain S.A., Amcrys, Hamamatsu Photonics K.K., Scintacor and Radiation Monitoring Devices, Inc. are the top 5 manufacturers of industry, and they had about 75% combined market share.

This report presents an overview of global market for Cesium Iodide, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Cesium Iodide, also provides the sales of main regions and countries. Of the upcoming market potential for Cesium Iodide, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Cesium Iodide sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Cesium Iodide market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Cesium Iodide sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Saint Gobain S.A., Amcrys, Hamamatsu Photonics K.K., Scintacor, Radiation Monitoring Devices, Inc., EPIC Crystal Company Limited, Shanghai SICCAS and Shanghai Ucome, etc.

#### Cesium Iodide segment by Company

Saint Gobain S.A.

Amcrys

Hamamatsu Photonics K.K.

Scintacor

Radiation Monitoring Devices, Inc.

EPIC Crystal Company Limited

Shanghai SICCAS

Shanghai Ucome

#### Cesium Iodide segment by Type

CsI (TI)

CsI (Na)

CsI Pure

#### Cesium Iodide segment by Application

Healthcare

Industrial

Others

#### Cesium Iodide segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global Cesium Iodide status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions Cesium Iodide market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify Cesium Iodide significant trends, drivers, influence factors in global and regions.
6. To analyze Cesium Iodide competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Cesium Iodide market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Cesium Iodide and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in sales and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Cesium Iodide.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Provides an overview of the Cesium Iodide market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Cesium Iodide industry.

Chapter 3: Detailed analysis of Cesium Iodide manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales and value of Cesium Iodide in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the

market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of Cesium Iodide in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

Chapter 10: Concluding Insights.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Cesium Iodide Sales Value (2019-2030)
  - 1.2.2 Global Cesium Iodide Sales Volume (2019-2030)
  - 1.2.3 Global Cesium Iodide Sales Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### **2 CESIUM IODIDE MARKET DYNAMICS**

- 2.1 Cesium Iodide Industry Trends
- 2.2 Cesium Iodide Industry Drivers
- 2.3 Cesium Iodide Industry Opportunities and Challenges
- 2.4 Cesium Iodide Industry Restraints

### **3 CESIUM IODIDE MARKET BY COMPANY**

- 3.1 Global Cesium Iodide Company Revenue Ranking in 2023
- 3.2 Global Cesium Iodide Revenue by Company (2019-2024)
- 3.3 Global Cesium Iodide Sales Volume by Company (2019-2024)
- 3.4 Global Cesium Iodide Average Price by Company (2019-2024)
- 3.5 Global Cesium Iodide Company Ranking, 2022 VS 2023 VS 2024
- 3.6 Global Cesium Iodide Company Manufacturing Base & Headquarters
- 3.7 Global Cesium Iodide Company, Product Type & Application
- 3.8 Global Cesium Iodide Company Commercialization Time
- 3.9 Market Competitive Analysis
  - 3.9.1 Global Cesium Iodide Market CR5 and HHI
  - 3.9.2 Global Top 5 and 10 Company Market Share by Revenue in 2023
  - 3.9.3 2023 Cesium Iodide Tier 1, Tier 2, and Tier
- 3.10 Mergers & Acquisitions, Expansion

### **4 CESIUM IODIDE MARKET BY TYPE**

- 4.1 Cesium Iodide Type Introduction
  - 4.1.1 Csl (TI)



- 4.1.2 Csl (Na)
- 4.1.3 Csl Pure
- 4.2 Global Cesium Iodide Sales Volume by Type
  - 4.2.1 Global Cesium Iodide Sales Volume by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global Cesium Iodide Sales Volume by Type (2019-2030)
  - 4.2.3 Global Cesium Iodide Sales Volume Share by Type (2019-2030)
- 4.3 Global Cesium Iodide Sales Value by Type
  - 4.3.1 Global Cesium Iodide Sales Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global Cesium Iodide Sales Value by Type (2019-2030)
  - 4.3.3 Global Cesium Iodide Sales Value Share by Type (2019-2030)

## **5 CESIUM IODIDE MARKET BY APPLICATION**

- 5.1 Cesium Iodide Application Introduction
  - 5.1.1 Healthcare
  - 5.1.2 Industrial
  - 5.1.3 Others
- 5.2 Global Cesium Iodide Sales Volume by Application
  - 5.2.1 Global Cesium Iodide Sales Volume by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global Cesium Iodide Sales Volume by Application (2019-2030)
  - 5.2.3 Global Cesium Iodide Sales Volume Share by Application (2019-2030)
- 5.3 Global Cesium Iodide Sales Value by Application
  - 5.3.1 Global Cesium Iodide Sales Value by Application (2019 VS 2023 VS 2030)
  - 5.3.2 Global Cesium Iodide Sales Value by Application (2019-2030)
  - 5.3.3 Global Cesium Iodide Sales Value Share by Application (2019-2030)

## **6 CESIUM IODIDE MARKET BY REGION**

- 6.1 Global Cesium Iodide Sales by Region: 2019 VS 2023 VS 2030
- 6.2 Global Cesium Iodide Sales by Region (2019-2030)
  - 6.2.1 Global Cesium Iodide Sales by Region: 2019-2024
  - 6.2.2 Global Cesium Iodide Sales by Region (2025-2030)
- 6.3 Global Cesium Iodide Sales Value by Region: 2019 VS 2023 VS 2030
- 6.4 Global Cesium Iodide Sales Value by Region (2019-2030)
  - 6.4.1 Global Cesium Iodide Sales Value by Region: 2019-2024
  - 6.4.2 Global Cesium Iodide Sales Value by Region (2025-2030)
- 6.5 Global Cesium Iodide Market Price Analysis by Region (2019-2024)
- 6.6 North America
  - 6.6.1 North America Cesium Iodide Sales Value (2019-2030)

- 6.6.2 North America Cesium Iodide Sales Value Share by Country, 2023 VS 2030
- 6.7 Europe
  - 6.7.1 Europe Cesium Iodide Sales Value (2019-2030)
  - 6.7.2 Europe Cesium Iodide Sales Value Share by Country, 2023 VS 2030
- 6.8 Asia-Pacific
  - 6.8.1 Asia-Pacific Cesium Iodide Sales Value (2019-2030)
  - 6.8.2 Asia-Pacific Cesium Iodide Sales Value Share by Country, 2023 VS 2030
- 6.9 Latin America
  - 6.9.1 Latin America Cesium Iodide Sales Value (2019-2030)
  - 6.9.2 Latin America Cesium Iodide Sales Value Share by Country, 2023 VS 2030
- 6.10 Middle East & Africa
  - 6.10.1 Middle East & Africa Cesium Iodide Sales Value (2019-2030)
  - 6.10.2 Middle East & Africa Cesium Iodide Sales Value Share by Country, 2023 VS 2030

## **7 CESIUM IODIDE MARKET BY COUNTRY**

- 7.1 Global Cesium Iodide Sales by Country: 2019 VS 2023 VS 2030
- 7.2 Global Cesium Iodide Sales Value by Country: 2019 VS 2023 VS 2030
- 7.3 Global Cesium Iodide Sales by Country (2019-2030)
  - 7.3.1 Global Cesium Iodide Sales by Country (2019-2024)
  - 7.3.2 Global Cesium Iodide Sales by Country (2025-2030)
- 7.4 Global Cesium Iodide Sales Value by Country (2019-2030)
  - 7.4.1 Global Cesium Iodide Sales Value by Country (2019-2024)
  - 7.4.2 Global Cesium Iodide Sales Value by Country (2025-2030)
- 7.5 USA
  - 7.5.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.5.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.5.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.6 Canada
  - 7.6.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.6.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.6.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.7 Germany
  - 7.7.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.7.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.7.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.8 France
  - 7.8.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)

- 7.8.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.8.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.9 U.K.
  - 7.9.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.9.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.9.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.10 Italy
  - 7.10.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.10.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.10.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.11 Netherlands
  - 7.11.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.11.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.11.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.12 Nordic Countries
  - 7.12.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.12.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.12.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.13 China
  - 7.13.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.13.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.13.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.14 Japan
  - 7.14.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.14.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.14.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.15 South Korea
  - 7.15.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.15.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.15.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.16 Southeast Asia
  - 7.16.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.16.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.16.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.17 India
  - 7.17.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
  - 7.17.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
  - 7.17.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030
- 7.18 Australia

- 7.18.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
- 7.18.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.18.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030

#### 7.19 Mexico

- 7.19.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
- 7.19.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.19.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030

#### 7.20 Brazil

- 7.20.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
- 7.20.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.20.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030

#### 7.21 Turkey

- 7.21.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
- 7.21.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.21.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030

#### 7.22 Saudi Arabia

- 7.22.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
- 7.22.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.22.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030

#### 7.23 UAE

- 7.23.1 Global Cesium Iodide Sales Value Growth Rate (2019-2030)
- 7.23.2 Global Cesium Iodide Sales Value Share by Type, 2023 VS 2030
- 7.23.3 Global Cesium Iodide Sales Value Share by Application, 2023 VS 2030

## 8 COMPANY PROFILES

### 8.1 Saint Gobain S.A.

- 8.1.1 Saint Gobain S.A. Company Information
- 8.1.2 Saint Gobain S.A. Business Overview
- 8.1.3 Saint Gobain S.A. Cesium Iodide Sales, Value and Gross Margin (2019-2024)
- 8.1.4 Saint Gobain S.A. Cesium Iodide Product Portfolio
- 8.1.5 Saint Gobain S.A. Recent Developments

### 8.2 Amcryst

- 8.2.1 Amcryst Company Information
- 8.2.2 Amcryst Business Overview
- 8.2.3 Amcryst Cesium Iodide Sales, Value and Gross Margin (2019-2024)
- 8.2.4 Amcryst Cesium Iodide Product Portfolio
- 8.2.5 Amcryst Recent Developments

### 8.3 Hamamatsu Photonics K.K.

- 8.3.1 Hamamatsu Photonics K.K. Company Information
- 8.3.2 Hamamatsu Photonics K.K. Business Overview
- 8.3.3 Hamamatsu Photonics K.K. Cesium Iodide Sales, Value and Gross Margin (2019-2024)
- 8.3.4 Hamamatsu Photonics K.K. Cesium Iodide Product Portfolio
- 8.3.5 Hamamatsu Photonics K.K. Recent Developments
- 8.4 Scintacor
  - 8.4.1 Scintacor Company Information
  - 8.4.2 Scintacor Business Overview
  - 8.4.3 Scintacor Cesium Iodide Sales, Value and Gross Margin (2019-2024)
  - 8.4.4 Scintacor Cesium Iodide Product Portfolio
  - 8.4.5 Scintacor Recent Developments
- 8.5 Radiation Monitoring Devices, Inc.
  - 8.5.1 Radiation Monitoring Devices, Inc. Company Information
  - 8.5.2 Radiation Monitoring Devices, Inc. Business Overview
  - 8.5.3 Radiation Monitoring Devices, Inc. Cesium Iodide Sales, Value and Gross Margin (2019-2024)
  - 8.5.4 Radiation Monitoring Devices, Inc. Cesium Iodide Product Portfolio
  - 8.5.5 Radiation Monitoring Devices, Inc. Recent Developments
- 8.6 EPIC Crystal Company Limited
  - 8.6.1 EPIC Crystal Company Limited Company Information
  - 8.6.2 EPIC Crystal Company Limited Business Overview
  - 8.6.3 EPIC Crystal Company Limited Cesium Iodide Sales, Value and Gross Margin (2019-2024)
  - 8.6.4 EPIC Crystal Company Limited Cesium Iodide Product Portfolio
  - 8.6.5 EPIC Crystal Company Limited Recent Developments
- 8.7 Shanghai SICCAS
  - 8.7.1 Shanghai SICCAS Company Information
  - 8.7.2 Shanghai SICCAS Business Overview
  - 8.7.3 Shanghai SICCAS Cesium Iodide Sales, Value and Gross Margin (2019-2024)
  - 8.7.4 Shanghai SICCAS Cesium Iodide Product Portfolio
  - 8.7.5 Shanghai SICCAS Recent Developments
- 8.8 Shanghai Ucome
  - 8.8.1 Shanghai Ucome Company Information
  - 8.8.2 Shanghai Ucome Business Overview
  - 8.8.3 Shanghai Ucome Cesium Iodide Sales, Value and Gross Margin (2019-2024)
  - 8.8.4 Shanghai Ucome Cesium Iodide Product Portfolio
  - 8.8.5 Shanghai Ucome Recent Developments

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

### 9.1 Cesium Iodide Value Chain Analysis

#### 9.1.1 Cesium Iodide Key Raw Materials

#### 9.1.2 Raw Materials Key Suppliers

#### 9.1.3 Manufacturing Cost Structure

#### 9.1.4 Cesium Iodide Sales Mode & Process

### 9.2 Cesium Iodide Sales Channels Analysis

#### 9.2.1 Direct Comparison with Distribution Share

#### 9.2.2 Cesium Iodide Distributors

#### 9.2.3 Cesium Iodide Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

### 11.1 Reasons for Doing This Study

### 11.2 Research Methodology

### 11.3 Research Process

### 11.4 Authors List of This Report

### 11.5 Data Source

#### 11.5.1 Secondary Sources

#### 11.5.2 Primary Sources

### 11.6 Disclaimer



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