

Iodine Market Report by Source (Underground Brine, Caliche Ore, Recycling, Seaweeds), Form (Inorganic Salts and Complexes, Organic Compounds, Elementals and Isotopes), Application (Animal Feed, X-Ray Contrast Media, Biocides, Optical Polarizing Films, Fluorochemicals, Nylon, Others), and Region 2025-2033

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Abstracts

The global iodine market size reached USD 1,044.6 Million in 2024. Looking forward, IMARC Group expects the market to reach USD 1,575.9 Million by 2033, exhibiting a growth rate (CAGR) of 4.44% during 2025-2033. The growing demand for iodine in the healthcare industry for medical imaging and treatments is accelerating the market.

Iodine (I₂) is a trace element naturally found in dairy products, seafood, seaweed, eggs, and vegetables. It is widely utilized for making the thyroid hormones thyroxine (T₄) and triiodothyronine (T₃) as it assists in regulating the metabolism and increasing the production of proteins. Besides this, as it also aids in treating mammary dysplasia and fibrocystic breast disease, the consumption of I₂-rich food products is escalating across the globe.

Iodine Market Trends:

There is presently a rise in the number of people suffering from I₂ deficiency disorders, which include mental retardation, hypothyroidism, goiter, cretinism, and varying degrees of other growth and developmental abnormalities. As a result, international health organizations are mandating the use of all food-grade salt in households and food processing units for preventing and controlling I₂ deficiency disorders around the world.

This, in confluence with the thriving pharmaceutical industry, is bolstering the growth of the market. Moreover, I₂ is employed as a disinfectant for cleaning surfaces and storage containers, skin soaps and bandages, and purifying water. It also plays a crucial role as a reagent in analytical chemistry and a catalyst in the alkylation and condensation of aromatic amines and sulfation and sulfonations. Apart from this, I₂ is used in the manufacturing of organic and inorganic chemicals, radiopaque contrast agents, animal feed supplements, stabilizers, inks, colorants, photographic chemicals, and synthetic rubber. This, coupled with the rising demand for I₂ in X-radiation imaging modalities, such as computed tomography (CT), is strengthening the growth of the market. Other factors, such as the increasing health consciousness among individuals and significant growth in the healthcare industry, are positively influencing the overall sales and profitability.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with the market forecast at the global, regional, and country levels for 2025-2033. Our report has categorized the market based on source, form, and application.

Breakup by Source:

Underground Brine

Caliche Ore

Recycling

Seaweeds

Breakup by Form:

Inorganic Salts and Complexes

Organic Compounds

Elementals and Isotopes

Breakup by Application:

Animal Feed

X-Ray Contrast Media

Biocides

Optical Polarizing Films

Fluorochemicals

Nylon

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 Algorta Norte Sa, Calibre Chemicals Pvt. Ltd., Deepwater Chemicals Inc. (Toyota Tsusho Corporation), Eskay Iodine Pvt. Ltd., GODO SHIGEN Co. Ltd., Ilochem Corporation, Iofina plc, Ise Chemicals Corporation (AGC Inc.), Nippoh Chemicals Co. Ltd., Protochem Industries Pvt. Ltd., Salvi Chemical Industries Ltd. and Sociedad Quimica y Minera de Chile S.A.

Key Questions Answered in This Report

Iodine Market Report by Source (Underground Brine, Caliche Ore, Recycling, Seaweeds), Form (Inorganic Salts an...

- 1.What was the size of the global iodine market in 2024?
- 2.What is the expected growth rate of the global iodine market during 2025-2033?
- 3.What are the key factors driving the global iodine market?
- 4.What has been the impact of COVID-19 on the global iodine market growth?
- 5.What is the breakup of the global iodine market based on the source?
- 6.What is the breakup of the global iodine market based on the form?
- 7.What is the breakup of the global iodine market based on the application?
- 8.What are the key regions in the global iodine market?
- 9.Who are the key players/companies in the global iodine market?

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 IODINE MARKET

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

6 MARKET BREAKUP BY SOURCE

- 6.1 Underground Brine
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Caliche Ore
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Recycling

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Seaweeds
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY FORM

- 7.1 Inorganic Salts and Complexes
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Organic Compounds
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Elementals and Isotopes
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Animal Feed
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 X-Ray Contrast Media
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Biocides
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Optical Polarizing Films
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Fluorochemicals
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Nylon
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast
- 8.7 Others

8.7.1 Market Trends

8.7.2 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 Algorta Norte Sa
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Calibre Chemicals Pvt. Ltd.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Deepwater Chemicals Inc. (Toyota Tsusho Corporation)
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Eskay Iodine Pvt. Ltd.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 GODO SHIGEN Co. Ltd.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Iochem Corporation
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.7 Iofina plc
 - 14.3.7.1 Company Overview

- 14.3.7.2 Product Portfolio
- 14.3.7.3 Financials
- 14.3.8 Ise Chemicals Corporation (AGC Inc.)
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
- 14.3.9 Nippoh Chemicals Co. Ltd.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Protochem Industries Pvt. Ltd.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Salvi Chemical Industries Ltd.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 Sociedad Quimica y Minera de Chile S.A.
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Iodine Market: Key Industry Highlights, 2024 and 2033

Table 2: Global: Iodine Market Forecast: Breakup by Source (in Million USD),
2025-2033

Table 3: Global: Iodine Market Forecast: Breakup by Form (in Million USD), 2025-2033

Table 4: Global: Iodine Market Forecast: Breakup by Application (in Million USD),
2025-2033

Table 5: Global: Iodine Market Forecast: Breakup by Region (in Million USD),
2025-2033

Table 6: Global: Iodine Market: Competitive Structure

Table 7: Global: Iodine Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Iodine Market: Major Drivers and Challenges

Figure 2: Global: Iodine Market: Sales Value (in Million USD), 2019-2024

Figure 3: Global: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 4: Global: Iodine Market: Breakup by Source (in %), 2024

Figure 5: Global: Iodine Market: Breakup by Form (in %), 2024

Figure 6: Global: Iodine Market: Breakup by Application (in %), 2024

Figure 7: Global: Iodine Market: Breakup by Region (in %), 2024

Figure 8: Global: Iodine (Underground Brine) Market: Sales Value (in Million USD), 2019 & 2024

Figure 9: Global: Iodine (Underground Brine) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 10: Global: Iodine (Caliche Ore) Market: Sales Value (in Million USD), 2019 & 2024

Figure 11: Global: Iodine (Caliche Ore) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 12: Global: Iodine (Recycling) Market: Sales Value (in Million USD), 2019 & 2024

Figure 13: Global: Iodine (Recycling) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 14: Global: Iodine (Seaweeds) Market: Sales Value (in Million USD), 2019 & 2024

Figure 15: Global: Iodine (Seaweeds) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 16: Global: Iodine (Inorganic Salts and Complexes) Market: Sales Value (in Million USD), 2019 & 2024

Figure 17: Global: Iodine (Inorganic Salts and Complexes) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 18: Global: Iodine (Organic Compounds) Market: Sales Value (in Million USD), 2019 & 2024

Figure 19: Global: Iodine (Organic Compounds) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 20: Global: Iodine (Elementals and Isotopes) Market: Sales Value (in Million USD), 2019 & 2024

Figure 21: Global: Iodine (Elementals and Isotopes) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 22: Global: Iodine (Animal Feed) Market: Sales Value (in Million USD), 2019 &

2024

Figure 23: Global: Iodine (Animal Feed) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 24: Global: Iodine (X-Ray Contrast Media) Market: Sales Value (in Million USD), 2019 & 2024

Figure 25: Global: Iodine (X-Ray Contrast Media) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 26: Global: Iodine (Biocides) Market: Sales Value (in Million USD), 2019 & 2024

Figure 27: Global: Iodine (Biocides) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 28: Global: Iodine (Optical Polarizing Films) Market: Sales Value (in Million USD), 2019 & 2024

Figure 29: Global: Iodine (Optical Polarizing Films) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 30: Global: Iodine (Fluorochemicals) Market: Sales Value (in Million USD), 2019 & 2024

Figure 31: Global: Iodine (Fluorochemicals) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 32: Global: Iodine (Nylon) Market: Sales Value (in Million USD), 2019 & 2024

Figure 33: Global: Iodine (Nylon) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 34: Global: Iodine (Other Applications) Market: Sales Value (in Million USD), 2019 & 2024

Figure 35: Global: Iodine (Other Applications) Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 36: North America: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 37: North America: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 38: United States: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 39: United States: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 40: Canada: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 41: Canada: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 42: Asia-Pacific: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 43: Asia-Pacific: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 44: China: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 45: China: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 46: Japan: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 47: Japan: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 48: India: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 49: India: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 50: South Korea: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 51: South Korea: Iodine Market Forecast: Sales Value (in Million USD),
2025-2033

Figure 52: Australia: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 53: Australia: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 54: Indonesia: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 55: Indonesia: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 56: Others: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 57: Others: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 58: Europe: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 59: Europe: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 60: Germany: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 61: Germany: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 62: France: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 63: France: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 64: United Kingdom: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 65: United Kingdom: Iodine Market Forecast: Sales Value (in Million USD),
2025-2033

Figure 66: Italy: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 67: Italy: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 68: Spain: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 69: Spain: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 70: Russia: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 71: Russia: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 72: Others: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 73: Others: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 74: Latin America: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 75: Latin America: Iodine Market Forecast: Sales Value (in Million USD),
2025-2033

Figure 76: Brazil: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 77: Brazil: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 78: Mexico: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 79: Mexico: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 80: Others: Iodine Market: Sales Value (in Million USD), 2019 & 2024

Figure 81: Others: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 82: Middle East and Africa: Iodine Market: Sales Value (in Million USD), 2019 &

2024

Figure 83: Middle East and Africa: Iodine Market: Breakup by Country (in %), 2024

Figure 84: Middle East and Africa: Iodine Market Forecast: Sales Value (in Million USD), 2025-2033

Figure 85: Global: Iodine Industry: SWOT Analysis

Figure 86: Global: Iodine Industry: Value Chain Analysis

Figure 87: Global: Iodine Industry: Porter's Five Forces Analysis

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