

# Global Thallium Doped Sodium Iodide NaI(Tl) Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Thallium Doped Sodium Iodide NaI(Tl) market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Thallium, NaI(Tl) is added to sodium iodide crystals. When exposed to ionizing radiation, it will emit photons (scintillation), so it is used in scintillation detectors, traditional nuclear medicine, geophysics, nuclear physics, and environmental measurements. . NaI(Tl) is the most widely used scintillation material and has the highest light output. Sodium iodide crystals are usually attached to a photomultiplier tube and sealed in a sealed unit because of the deliquescent nature of sodium iodide. Crystal growth under different conditions can be obtained by fine-tuning some parameters (such as radiation hardness, afterglow, and transparency). When the ratio of additives in the crystal is high, it can be used in X-ray detectors with high spectral quality. Sodium iodide is available as both single and polycrystalline in this application.

This report studies the global Thallium Doped Sodium Iodide NaI(Tl) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Thallium Doped Sodium Iodide NaI(Tl), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Thallium Doped Sodium Iodide NaI(Tl) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Thallium Doped Sodium Iodide NaI(Tl) total production and demand, 2018-2029, (Tons)

Global Thallium Doped Sodium Iodide NaI(Tl) total production value, 2018-2029, (USD Million)

Global Thallium Doped Sodium Iodide NaI(Tl) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Thallium Doped Sodium Iodide NaI(Tl) consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Thallium Doped Sodium Iodide NaI(Tl) domestic production, consumption, key domestic manufacturers and share

Global Thallium Doped Sodium Iodide NaI(Tl) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Thallium Doped Sodium Iodide NaI(Tl) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Thallium Doped Sodium Iodide NaI(Tl) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Thallium Doped Sodium Iodide NaI(Tl) 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 AMCRYS, Hilger Crystals, EPIC Crystal, Saint-Gobain Crystals, Kinheng Crystal Material(Shanghai)Co.,Ltd., JIN HENG OPTOELECTRONICS, Beijing Jingli Technology Co.,Ltd., Qinhuangdao Intrinsic Crystal Technology Co.,Ltd. and Shanghai Guangnuo Crystal Material, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Thallium Doped Sodium Iodide NaI(Tl) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Thallium Doped Sodium Iodide NaI(Tl) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Thallium Doped Sodium Iodide NaI(Tl) Market, Segmentation by Type

NaI(Tl) Single Crystal

NaI(Tl) Polycrystal

#### Global Thallium Doped Sodium Iodide NaI(Tl) Market, Segmentation by Application

Nuclear Medicine

Environmental Monitoring

Safely Control

Geophysics

Petroleum Industry

HEP & Astrophysics

#### Companies Profiled:

AMCRYS

Hilger Crystals

EPIC Crystal

Saint-Gobain Crystals

Kinheng Crystal Material(Shanghai)Co.,Ltd.

JIN HENG OPTOELECTRONICS

Beijing Jingli Technology Co.,Ltd.

Qinhuangdao Intrinsic Crystal Technology Co.,Ltd.

Shanghai Guangnuo Crystal Material

#### Key Questions Answered

1. How big is the global Thallium Doped Sodium Iodide NaI(Tl) market?
2. What is the demand of the global Thallium Doped Sodium Iodide NaI(Tl) market?
3. What is the year over year growth of the global Thallium Doped Sodium Iodide NaI(Tl) market?

4. What is the production and production value of the global Thallium Doped Sodium Iodide NaI(Tl) market?
5. Who are the key producers in the global Thallium Doped Sodium Iodide NaI(Tl) market?
6. What are the growth factors driving the market demand?

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