

Global Americium-241 Radioactive Source Supply, Demand and Key Producers, 2023-2029

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Abstracts

Americium-241 radioactive source, nuclide symbol ^{241}Am , with a half-life of 432.2a, is an alpha radiator. In addition to three groups of alpha particles, americium-241 radioactive source can release gamma rays and X-rays of certain energy during the decay process. There is no environmental impact problem or minimal environmental impact under normal use or operation conditions. However, the rupture of the sealing source envelope and the uncontrolled radioactive source may also cause some pollution to the environment. In accordance with the 'Measures for the Management of Radioactive Materials', the local department of health, public security and environmental protection should apply for permission, and the special containers should be stored in a safe and reliable place for the use and management of special personnel.

This report studies the global Americium-241 Radioactive Source production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Americium-241 Radioactive Source, 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 Americium-241 Radioactive Source that contribute to its increasing demand across many markets.

The global Americium-241 Radioactive Source market size is expected to reach \$ 14 million by 2029, rising at a market growth of 5.6% CAGR during the forecast period (2023-2029).

The leading global players of americium-241 radioactive sources include State Atomic Energy Corporation Rosatom (ROSATOM), HTA Co., Ltd., Inc., Eckert & Ziegler

Strahlen. The top three global players by revenue account for 100 per cent. Asia-pacific is the world's largest market with a market share of about 42 percent, followed by Europe and North America with about 32 percent and 26 percent, respectively. Americium-241 radioactive sources 1×10^4 Bq are the largest market segment in terms of product type, accounting for 84% of the market share, and fire alarms have the largest share in terms of applications, accounting for about 83%.

Highlights and key features of the study

Global Americium-241 Radioactive Source total production and demand, 2018-2029, (Ci)

Global Americium-241 Radioactive Source total production value, 2018-2029, (USD Million)

Global Americium-241 Radioactive Source production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Ci)

Global Americium-241 Radioactive Source consumption by region & country, CAGR, 2018-2029 & (Ci)

U.S. VS China: Americium-241 Radioactive Source domestic production, consumption, key domestic manufacturers and share

Global Americium-241 Radioactive Source production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Ci)

Global Americium-241 Radioactive Source production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Ci)

Global Americium-241 Radioactive Source production by Application production, value, CAGR, 2018-2029, (USD Million) & (Ci)

This reports profiles key players in the global Americium-241 Radioactive Source 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 State Atomic Energy Corporation Rosatom (ROSATOM), HTA Co., Ltd. and Eckert & Ziegler Strahlen, 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 Americium-241 Radioactive Source market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Ci) and average price (US\$/Ci) 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 Americium-241 Radioactive Source Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Americium-241 Radioactive Source Market, Segmentation by Type

Above 1×10^4 Bq

Above 6×10^8 Bq

Others

Global Americium-241 Radioactive Source Market, Segmentation by Application

Fire Alarm

Static Elimination Devices

X-ray Fluorescence Analysis

Moisture Measurement

Others

Companies Profiled:

State Atomic Energy Corporation Rosatom (ROSATOM)

HTA Co., Ltd.

Eckert & Ziegler Strahlen

Key Questions Answered

1. How big is the global Americium-241 Radioactive Source market?
2. What is the demand of the global Americium-241 Radioactive Source market?
3. What is the year over year growth of the global Americium-241 Radioactive Source market?
4. What is the production and production value of the global Americium-241 Radioactive Source market?
5. Who are the key producers in the global Americium-241 Radioactive Source market?

6. What are the growth factors driving the market demand?

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