

Global 7-AAD Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

7-AAD (7-Aminoactinomycin D) is a fluorescent dye commonly used in flow cytometry and cell biology to assess cell viability and DNA content. It binds to DNA in a stoichiometric manner, allowing for the identification of cells that have lost membrane integrity, a characteristic of dead or dying cells. 7-AAD is excluded from live cells with intact membranes but can penetrate cells with compromised membranes, staining dead cells for analysis. This dye is valuable for distinguishing between live, dead, and apoptotic cells in various research applications, providing crucial information about cell health and viability in experimental studies.

According to our (Global Info Research) latest study, the global 7-AAD market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

The industry trend for 7-AAD and similar cell viability dyes is focused on improving sensitivity, specificity, and efficiency in cell analysis techniques. Companies are working towards developing enhanced formulations of these dyes that offer better performance in terms of staining efficiency, signal intensity, and reproducibility. Additionally, there is a growing demand for multiplexing capabilities that allow researchers to simultaneously assess multiple cellular parameters using different fluorophores. Integration with advanced flow cytometers and imaging systems is also driving innovation in 7-AAD products, enabling high-throughput screening and precise evaluation of cellular responses in various research fields such as drug discovery, immunology, and oncology.

This report is a detailed and comprehensive analysis for global 7-AAD market. Both quantitative and qualitative analyses are presented by manufacturers, by region &

country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global 7-AAD market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global 7-AAD market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global 7-AAD market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2019-2030

Global 7-AAD market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for 7-AAD

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global 7-AAD market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SouthernBiotech, BioLegend, MyBioSource, Bio-Rad, Cayman Chemical, Novus Biologicals, Abcam, Biotium, Biorbyt, Abbexa, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

7-AAD market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Liquid

Solid

Market segment by Application

Hospital

Laboratory

Others

Major players covered

SouthernBiotech

BioLegend

MyBioSource

Bio-Rad

Cayman Chemical

Novus Biologicals

Abcam

Biotium

Biorbyt

Abbexa

AAT Bioquest

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe 7-AAD product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 7-AAD, with price, sales quantity, revenue, and global market share of 7-AAD from 2019 to 2024.

Chapter 3, the 7-AAD competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 7-AAD breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024. and 7-AAD market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of 7-AAD.

Chapter 14 and 15, to describe 7-AAD sales channel, distributors, customers, research findings and conclusion.

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