

Global HEPES Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global HEPES market size was valued at US\$ 74.4 million in 2024 and is forecast to a readjusted size of USD 132 million by 2031 with a CAGR of 8.6% during review period.

HEPES (4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid) is a zwitterionic sulfonic acid buffering agent; one of the twenty Good's buffers. HEPES is widely used in cell culture, largely because it is better at maintaining physiological pH despite changes in carbon dioxide concentration (produced by aerobic respiration) when compared to bicarbonate buffers, which are also commonly used in cell culture.

Global 5 largest manufacturers of HEPES are Merck, Suzhou Yacoo, Hopax, Avantor and ITW Reagents, which make up nearly 40%. Among them, Merck dominates with nearly 10% production value share, followed by Suzhou Yacoo (9%) and Hopax (8%). Top manufacturers are based in North America, China and Europe.

North America is the largest market, holding a share over 40%, followed by China and Europe, with shares 20% and 22% separately.

Based on the product type, the HEPES is primarily split into HEPES Powder and HEPES Solution. The leading type is HEPES Powder, with a market share over 75%.

Based on the Application, the HEPES is primarily split into Cell Culture and IVD Reagents. The largest segment is Cell Culture, accounting for over 50%.

This report is a detailed and comprehensive analysis for global HEPES 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 2025, are provided.

Key Features:

Global HEPES market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (USD/Kg), 2020-2031

Global HEPES market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (USD/Kg), 2020-2031

Global HEPES market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (USD/Kg), 2020-2031

Global HEPES market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (USD/Kg), 2020-2025

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 HEPES

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 HEPES 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 Merck, Thermo Fisher, Avantor, Lonza, Cytiva, Promega, ITW Reagents, Spectrum Chemical, Biological Industries, Bio-Techne, etc.

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

Market Segmentation

HEPES market is split by Type and by Application. For the period 2020-2031, 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

HEPES Powder

HEPES Solution

Market segment by Application

Cell Culture

IVD Reagents

Others

Major players covered

Merck

Thermo Fisher

Avantor

Lonza

Cytiva

Promega

ITW Reagents

Spectrum Chemical

Biological Industries

Bio-Techne

BioSpectra

Corning

FUJIFILM Irvine Scientific

Dojindo Laboratories

Hopax

Suzhou Yacoo

XZL Bio-Technology

Yunbang Bio-pharmaceutical

Nanjing Robiot

Huanggang Yongan

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 HEPES product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of HEPES, with price, sales quantity, revenue, and global market share of HEPES from 2020 to 2025.

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

Chapter 4, the HEPES breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and HEPES market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 HEPES.

Chapter 14 and 15, to describe HEPES sales channel, distributors, customers, research findings and conclusion.

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