

Global PBS Buffer 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 PBS Buffer market size was valued at US\$ 892 million in 2024 and is forecast to a readjusted size of USD 1332 million by 2031 with a CAGR of 6.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

PBS buffer, or phosphate buffered saline, is mainly composed of Na_2HPO_4 , KH_2PO_4 , NaCl and KCl . Among them, Na_2HPO_4 and KH_2PO_4 have a wide pH buffer range due to their secondary dissociation characteristics, and NaCl and KCl are mainly used to increase the concentration of salt ions. PBS buffer has a stable pH value, appropriate ionic strength, appropriate osmotic pressure, non-toxicity, and non-irritation. It is often used to wash cells in subculture and dilute active biological preparations. It helps to detect microorganisms in pharmaceutical, food, environmental or water test samples. It is also widely used in experimental scenarios such as molecular cloning and immunohistochemistry.

This report is a detailed and comprehensive analysis for global PBS Buffer 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 PBS Buffer market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global PBS Buffer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global PBS Buffer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global PBS Buffer market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 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 PBS Buffer

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 PBS Buffer 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 Scientific, Danaher Corporation, Avantor, Lonza, Bio-Rad, BD, GE Healthcare, Promega Corporation, Hamilton Company, etc.

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

Market Segmentation

PBS Buffer 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

Ready-To-Use Dry Powder

Liquid

Market segment by Application

Pharmaceutical

Food

Cell Biology Experiments

Others

Major players covered

Merck

Thermo Fisher Scientific

Danaher Corporation

Avantor

Lonza

Bio-Rad

BD

GE Healthcare

Promega Corporation

Hamilton Company

XZL BIO-TECHNOLOGY

SRL

Beyotime Biotechnology

Guangdong Huankai Biotechnology

Ranjeck Technology

Real-Times (Beijing) Biotechnology

Multi Sciences

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 PBS Buffer product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the PBS Buffer 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 PBS Buffer 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 PBS Buffer.

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

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