

# Plasma Powder Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 to 2034

https://marketpublishers.com/r/P36ADF4611C6EN.html

Date: November 2024

Pages: 220

Price: US\$ 4,850.00 (Single User License)

ID: P36ADF4611C6EN

#### **Abstracts**

The Global Plasma Powder Market was valued at USD 3.1 billion in 2024 and is expected to grow at a CAGR of 5.2% from 2025 to 2034. A key factor driving this growth is the increasing focus on animal health and immunity. Livestock producers are placing greater emphasis on improving the overall health of their animals, leading to higher demand for ingredients that support immune function and overall well-being. Plasma powder, which is rich in proteins, immunoglobulins, and essential amino acids, plays a crucial role in enhancing the immune systems of animals and is commonly used in high-quality animal feed.

As concerns over disease prevention and productivity rise, there is a growing preference for immune-boosting ingredients such as plasma powder. This substance is recognized for its ability to promote better health outcomes, support faster growth, and reduce the need for antibiotics and other medications. It is an economical option that livestock producers are increasingly adopting to enhance the performance and resilience of their animals.

The plasma powder market is categorized based on its source, including porcine, bovine, and other types. Among these, porcine plasma powder is the market leader, owing to its high protein content and nutritional value. Derived from pigs, this type of plasma powder is frequently incorporated into animal feed to promote growth, immunity, and general health. Additionally, porcine plasma powder is used in human nutrition, particularly in specialized protein supplements, although consumer preferences for animal-based versus plant-based products influence its usage.

In terms of application, the plasma powder market is primarily divided into animal feed, food, and other categories. The animal feed sector dominates the market, accounting



for nearly 85% of the total share in 2024. Plasma powder is highly valued in animal feed for its ability to enhance growth, boost immune responses, and improve feed efficiency, particularly in the early stages of animal development. As demand for nutrient-rich animal feed grows, plasma powder's part in optimizing nutrition is becoming more significant. The growing focus on more efficient farming practices and higher yields in the agricultural industry further boosts the demand for plasma powder.

North America, particularly the U.S., leads the global plasma powder market, driven by the need for premium protein-rich ingredients in animal feed and human nutritional products. The region's strong agricultural practices and growing demand for high-quality feed ingredients are key factors in the market's expansion. As the demand for functional and nutritious animal feed grows, the plasma powder market in North America continues to thrive, with ongoing innovation catering to diverse nutritional needs.



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