

# High Purity Calcium Sulfate Market Size, Share & Trends Analysis Report By Form (Powder, Granules), By End-use (Pharmaceuticals, Food & Beverage, Construction, Agriculture), By Region, And Segment Forecasts, 2025 - 2030

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## Abstracts

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### High Purity Calcium Sulfate Market Growth & Trends

The global high purity calcium sulfate market size is anticipated to reach USD 15.93 billion by 2030 and is anticipated to expand at a CAGR of 6.2% during the forecast period, according to a new report by Grand View Research, Inc. High purity calcium sulfate, a critical raw material in industries such as pharmaceuticals, food processing, construction, and ceramics, has unique characteristics that make it desirable in these sectors. Its chemical stability, non-toxicity, and excellent absorption properties allow it to be used in the production of medicines, as a food additive, and in other applications that require stringent purity standards. As industries evolve and demand more refined materials, the need for high purity calcium sulfate is also increasing.

Calcium sulfate is used in the production of pharmaceutical products, such as tablet binders, coatings, and fillers in drug formulations. With the growing demand for generic drugs, over-the-counter medications, and nutraceuticals, pharmaceutical manufacturers require high-purity raw materials to meet regulatory standards and produce effective, safe, and stable products. This demand has driven investments in high-purity calcium sulfate production processes, thus spurring market growth.

In addition to pharmaceuticals, the food and beverage industry has been another

critical growth driver. Calcium sulfate is widely used as a food additive in producing tofu, as a dough conditioner, and in fortifying food products. It provides essential minerals such as calcium and helps improve the texture and stability of food products. As global food consumption rises and there is an increasing emphasis on food fortification to address nutritional deficiencies, the demand for high purity calcium sulfate in the food industry continues to grow, further propelling the market.

### High Purity Calcium Sulfate Market Report Highlights

The powder form segment accounted for the largest revenue market share, 53.4%, in 2024. High purity calcium sulfate powder improves soil quality by enhancing nutrient availability and reducing soil salinity. Farmers increasingly adopt gypsum-based products to promote healthier crop yields as agricultural practices evolve towards sustainability.

The pharmaceuticals segment dominated the market with a market share of 29.9% in 2024. Innovations such as nanotechnology and targeted drug delivery systems require excipients supporting complex formulations while maintaining their integrity during processing. High purity calcium sulfate offers desirable characteristics such as controlled-release properties and compatibility with various active pharmaceutical ingredients (APIs).

Asia Pacific is the dominant region for the high purity calcium sulfate market with a revenue share of 48.0% in 2024. APAC is emerging as a global hub for pharmaceutical manufacturing, and the need for high purity ingredients, such as calcium sulfate, is intensifying to meet domestic demand and export requirements.

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