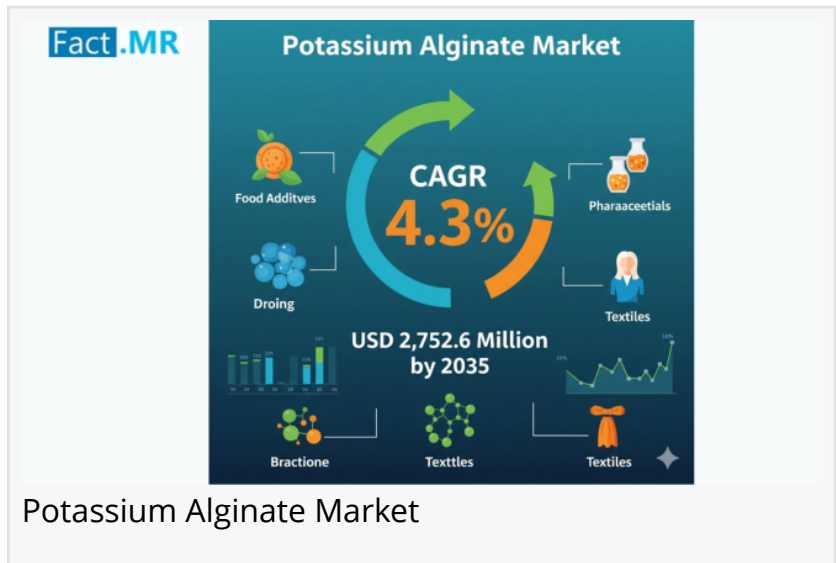


Potassium Alginate Market to Reach USD 2.75 Bn by 2035, Fueled by Demand in Food, Pharma, Textile & Sustainable Solution

Some of the leaders in this industry include Algaia SA, Allforlong Bio-Tech Co., Ltd., Allforlong Bio-Tech Co., Ltd., Cargill Incorporated, CP Kelco, DuPont

ROCKVILLE, MD , MD, UNITED STATES, September 2, 2025 /EINPresswire.com/ -- The latest market insights from Fact.MR highlight robust growth in the global [potassium alginate market](#), with revenues expected to reach USD 2,097.8 million in 2025 and projected to expand to USD 2,752.6 million by 2035, reflecting a steady CAGR of 4.3%

over the forecast period. The rise is attributed to the increasing use of potassium alginate across diverse industries, including food & beverages, pharmaceuticals, textiles, and biotechnology.



Market Insights: Potassium Alginate Securing a Firm Position Across Industries

Potassium alginate, a naturally derived polymer from brown seaweed, is witnessing surging demand due to its wide range of functional benefits such as stabilizing, thickening, gelling, and film-forming properties. In the food industry, potassium alginate is increasingly adopted in dairy, confectionery, and beverage applications for its clean-label appeal.

In pharmaceuticals, it is being used in drug delivery systems, wound dressings, and controlled-release formulations. Additionally, the textile industry benefits from potassium alginate in printing and dyeing processes for its eco-friendly profile.

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Key market growth drivers include:

Rising adoption of clean-label and plant-based food ingredients
Increasing applications in wound care, drug delivery, and dietary supplements
Expanding use in textile printing and fabric finishing
Growth in biotechnology and cell encapsulation techniques
Rising demand for eco-friendly, biodegradable hydrocolloids

Industry Update: Expanding Global Accessibility:

Across the globe, demand for potassium alginate is strengthening as sustainability and natural sourcing trends gain momentum. Manufacturers are expanding capacity to cater to industries seeking biodegradable alternatives to synthetic stabilizers and thickeners.

North America is expected to maintain steady growth, driven by rising consumption of plant-based and functional foods.

Europe is experiencing strong adoption of potassium alginate in wound care products and the textile sector, aligned with the EU's emphasis on eco-friendly materials.

Asia-Pacific will witness the fastest growth, supported by expanding food processing industries, rising healthcare investments, and abundant seaweed resources.

Industry Applications: Multi-Sectoral Demand:

The potassium alginate market serves diverse end-use sectors, generating wide-ranging opportunities:

Food & Beverages – Used as a thickener, emulsifier, and stabilizer in bakery, dairy, and beverages.

Pharmaceuticals & Healthcare – Applied in wound dressings, dental molds, dietary supplements, and drug delivery.

Textiles – Enhances printing and dyeing efficiency, offering an eco-friendly alternative to synthetic agents.

Biotechnology – Utilized in encapsulation of cells and probiotics for medical and nutritional applications.

Cosmetics & Personal Care – Improves texture and stability in skincare and haircare formulations.

Historic and Future Pathway: From Food Stabilizer to Biotech Essential:

Initially established as a food stabilizer, potassium alginate's role has expanded significantly into healthcare and industrial applications. Between 2015 and 2024, the market was primarily led by food & beverage adoption. Looking ahead, 2025–2035 will see greater expansion in pharmaceuticals, biotechnology, and personal care, as industries emphasize sustainable, natural

ingredients.

Growth will be powered by:

Rising demand for bio-based hydrocolloids

Regulatory approvals for pharmaceutical and healthcare uses

Advances in alginate extraction and processing technologies

Strategic collaborations between food, healthcare, and biotech players

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Key Players in the Potassium Alginate Market

Prominent companies shaping the competitive landscape include:

Algaia SA

Allforlong Bio-Tech Co., Ltd.

Cargill Incorporated

CP Kelco

DuPont Nutrition & Biosciences

FMC Corporation

Hebei Xinhe Biochemical Co., Ltd.

IRO Alginate Industry Co., Ltd.

Taj Pharmaceuticals (emerging in food-grade alginates)

These players are investing in R&D, sustainable sourcing, and strategic partnerships to expand their global footprint.

Recent Developments Driving Market Growth:

Sustainability Focus – Growing shift toward natural, plant-based thickeners and stabilizers.

Healthcare Innovation – Expanded use of alginate in wound healing, controlled drug release, and bioprinting.

Industrial Adoption – Increasing role in eco-friendly textile dyeing and printing processes.

Mergers & Partnerships – Strategic alliances between food ingredient suppliers and pharmaceutical companies.

Conclusion:

The potassium alginate market is entering a phase of sustained growth, backed by its multi-industry adoption and eco-friendly appeal. From food to pharmaceuticals and textiles, potassium alginate is cementing its role as a critical natural polymer for modern industries. With

advancing extraction technologies and global expansion strategies, the market is well-positioned to reach USD 2.75 billion by 2035.

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With its unwavering dedication to providing reliable market intelligence, FACT.MR continues to assist companies in navigating dynamic market challenges with confidence and achieving long-term success. With a global presence and a team of experienced analysts, FACT.MR ensures its clients receive actionable insights to capitalize on emerging opportunities and stay ahead in the competitive landscape.

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