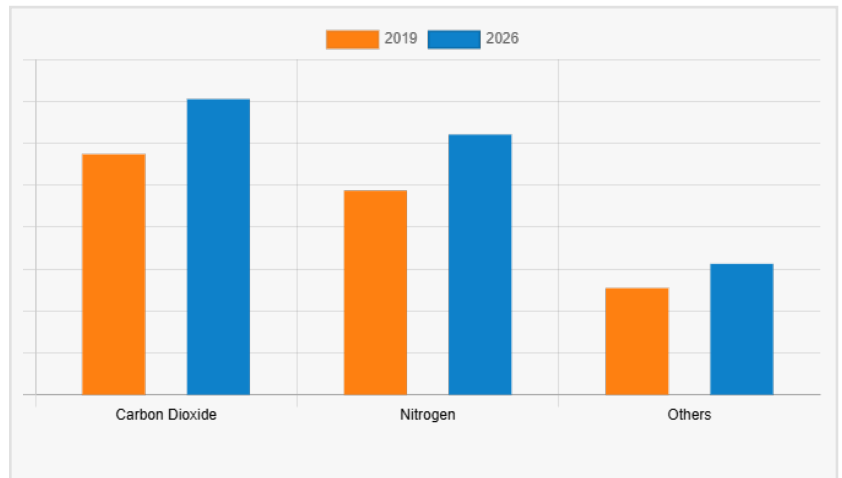


Exploring the Growth Factors, Industry Developments, and Competitive Scenario of the Food Grade Gases Market

WILMINGTON, DE, UNITED STATES, March 7, 2025 /EINPresswire.com/ -- The [global food grade gases market size](#) was valued at \$6.4 billion in 2018, and is projected to reach \$8.1 billion by 2026, registering a CAGR of 3.2% from 2019 to 2026.

Innovators, R&D specialists, farmers, and entrepreneurs are developing technologies to address issues in each aspect of the food system. For

instance, the introduction of food grade gasses provides solutions to various challenges in the industry. As a result, food grade gases market has witnessed increase in use of nitrogen and carbon dioxide in various food products for prolonging their shelf life.



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Food grade gases are processing aids or additives, which are used to meet the food quality standards. Food grade gases play an important role in the entire preservation and food packaging processes. These gases are primarily used to grind, freeze, and package a variety of products, which include dairy & bakery items, fish & seafood, beverages, poultry products, vegetables & fruits, and prepared meals. In addition, the use of industrial gases in food application has increased owing to their benefits such as cost saving and in maintaining the quality of products.

One of the prominent techniques used in food processing is modified atmosphere packaging (MAP), which is used for preservation of processed food products such as meat, fish, vegetables, and fruits. MAP helps in preventing the spoilage of food products by inhibiting the microbial growth as well as preventing oxidation, discoloration, and moisture loss. In addition, food grade gases are added in packages to change the composition of the air around the food, thereby enhancing the shelf life of the food. Moreover, carbon dioxide is used in the beverage industry to add fizz and taste to bottled drinks. In addition, wine, soft drinks, and beer are carbonated using

CO2.

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The global food grade gases market is segmented on the basis of type, application, end user and region. Based on type, the market is classified into Carbon Dioxide, Nitrogen, and Others. By application, the market is further sub-segmented into Freezing & Chilling and Packaging & Carbonation. By end user the market is divided into Beverages, Meat & Seafood, and Packaged Products. Based on region, the market is analyzed across North America (U.S., Canada, and Mexico), Europe (Germany, Spain, UK, Italy, France, and rest of Europe), Asia-Pacific (China, India, Japan, Australia, South Korea, and rest of Asia-Pacific), and LAMEA (Brazil, South Africa, Saudi Arabia, UAE, and rest of LAMEA).

The key players operating in the global food grade gases industry are Air Liquide SA, Air Products and Chemicals, Inc., Air Water Inc., Coregas Pty Ltd., Coregas Pty Ltd., Gulf Cyro, Linde Plc., SOL Group, Taiyo Nippon Sanso Corporation, The Massy Gas Products (Trinidad) Ltd., and The Messer Group GmbH.

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David Correa

Allied Market Research

+15038946022 ext.

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