

Catalase (CAS 9001-05-2) Market Research Report 2025

<https://marketpublishers.com/r/CACC5486027EN.html>

Date: May 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: CACC5486027EN

Abstracts

Catalase (CAS 9001-05-2) Market Research Report 2025 presents comprehensive data on Catalase markets globally and regionally (Europe, Asia, North America etc.)

The report includes Catalase description, covers its application areas and related patterns. It overviews Catalase market, names Catalase producers and indicates its suppliers.

Besides, the report provides Catalase prices in regional markets.

In addition to the above the report determines Catalase consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Catalase (CAS 9001-05-2) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Catalase (CAS 9001-05-2) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: Catalase

Synonyms:

Hydrogen peroxide: hydrogen
peroxidase oxireductase

CAS#: 9001-05-2

Catalase (ethyl paraben, ethyl butex, napagin A, tegosept E, aseptin A, etc.) is a protective enzyme that occurs practically in all living organisms. Catalase is a colorless to brown, odorless solid with the molecular formula $C_9H_{10}O_3$ and molecular weight 166.17. The boiling point of the enzyme is 297-298°C. Catalase is only slightly soluble in chloroform, trifluoroacetic acid, and insoluble in carbon disulfide.

Catalase is used by all aerobic organisms for respiration. The enzyme catalyzes the breakdown of hydrogen peroxide to water and oxygen. The product preserves the food products by preventing oxidation. The enzyme is also utilized in the cold sterilization process.

Catalase can produce the irritation of eyes, skin, the digestive and respiratory tract. The product may be harmful if swallowed, inhaled or if absorbed through the skin. Overexposure to catalase can lead to sensitization in some individuals.

The enzyme finds applications in different industries. Catalase is used in the food industry to increase synthesis and stability of diacetyl in milk and to preserve food; in the textile industry to make fabrics peroxide-free; in the cosmetics industry to produce face masks. The enzyme helps the cells of the organism to function properly. Catalase is efficient in the implementation of free radical researches. Moreover, the enzyme is used in the production of gluconic and glycolic acids. Besides, the product is utilized as a cleaning agent for contact lenses.

Catalase market is covered in the study Catalase (CAS 9001-05-2) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks catalase market situation, names manufacturers, suppliers as well as users. The report also provides current catalase prices in the market.

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