

Gamma oryzanol (CAS 11042-64-1) Market Research Report 2025

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Abstracts

Gamma oryzanol (CAS 11042-64-1) Market Research Report 2025 presents comprehensive data on Gamma-oryzanol markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Gamma-oryzanol prices in regional markets.

In addition to the above the report determines Gamma-oryzanol 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).

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capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Gamma oryzanol (CAS 11042-64-1) 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 Gamma oryzanol (CAS 11042-64-1) 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:	Gamma-oryzanol
Synonyms:	Ferulic acid
	Gammariza
	HI-Z
	Oliver
	OZ
	AMMA-ORYZANOL
	GAMMA-ORYZANOL
	Gamma oryzanol
CAS#:	11042-64-1
Formula:	$C_{40}H_{58}O_4$
Molecular Weight:	602.89
Appearance:	White to yellowish-white, crystalline powder.
Usage:	Food additive, eases digestive disorders.

Gamma oryzanol, a.k.a. gammariza, calcate, thiaminogen, etc., is a white or slight yellow solid with the molecular formula $C_{40}H_{58}O_4$. Gamma oryzanol is a natural extract obtained from rice bran oil. The extract is a mixture of ferulic acid esters with plant sterol or triterpene alcohol. The molecular weight of the product is 602.88. Gamma oryzanol is insoluble in water but soluble in ether, benzene, acetone, ethanol, heptane and chloroform.

Gamma oryzanol was first isolated and extracted from rice bran oil in mid 1950s, and in 1980 the product was approved effective in the treatment for high cholesterol and triglycerides, and in the management of menopause and aging symptoms among others. The product is effective in promoting muscle growth. Moreover, gamma oryzanol

raises the levels of testosterone and hormones. The product is considered to be helpful in treating peptic ulcers, irritable bowel syndrome and other gastrointestinal disorders. Gamma oryzanol is able to prevent lipoperoxidation. Moreover, the product is used in the stabilization and development of food products. Gamma oryzanol finds its application in athletics as the product is a plant sterol.

Gamma oryzanol does not produce any serious side effects to health. The product can cause eyes irritation characterized by redness, tearing, swelling and stinging. Contact of gamma oryzanol with the skin may result in its burning, swelling, redness. Ingestion and inhalation are unlikely to be harmful.

Gamma oryzanol market is covered in the study Gamma oryzanol (CAS 11042-64-1) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks gamma oryzanol market situation, names manufacturers, suppliers as well as users. The report also provides current gamma oryzanol prices in the market.

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