

# 浙江得乐康食品股份有限公司

## ZHEJIANG DELEKANG FOOD CO., LTD.

No.30, Chunhuizhong Road, Yong'an Industrial District, Xianju, Taizhou, Zhejiang Province.  
Tel: +86-576-87018166 Fax: +86-576-87011037 <http://www.zjdk.com/>

### Gamma Oryzanol

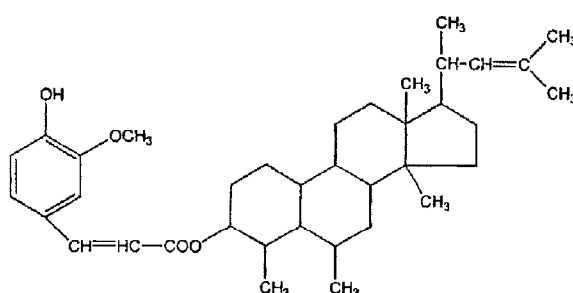
#### 1. Description

Gamma Oryzanol is a mixture of sterols and ferulic acid esters extracted from rice bran oil. The main constituents include 24-methylene cycloartenyl ferulate (35%~40%), cycloartenyl ferulate(25%-30%) and sitosteryl ferulate (15%-20%).

Cas No.: 11042-64-1

HS No.: 29362900.90

#### 2. Chemical Structure



24-methylene cycloartenyl ferulate

#### 3. Specification

Items	National Standard[YBH27692005]	Company Standard
Appearance	White powder or off white crystalline powder	
Solubility	Soluble in acetone, slightly soluble in ethanol and n-heptane, but insoluble in water.	
Methanol	≤0.1%	≤0.1%
Loss on drying	≤1.0%	≤0.8%
Residue on ignition%	≤0.3%	≤0.2%
Heavy metal (mg/kg)	20mg/kg	20mg/kg
Assay	97.0~103.0%	97.0~103.0%
Aerobe(cfu/g)	≤1000	≤800
Mould&Yeast(cfu/g)	≤100	≤50
Escherichia coli(1g)	Not Detected	Not Detected

#### 4. Function and Use

Gamma Oryzanol has a positive effect on cure of neurotic disorder, periodic neuropathy, sequelae of cerebral concussion, menopause syndrome, premenstrual tension syndrome, vascular headache, gastroenterological vascular neurosis, etc. It also acts as antioxidant in food and has anti-ultraviolet function in cosmetics.

#### 5. Packaging and Storage

20kg/drum

Sealed store in a cool, dry place away from direct sunlight

80-2616010030

75 Number of sample scan: 32

70 Number of background scan: 32

65 Resolution: 4

60 Gain: 2.0

55 Velocity: 0.6329

50 Aperture: 100

45 Detector: DTGS KBr

40 Beamsplitter: KBr

35 Source: IR

18

3133.2

1885.5

1399.5

1429.6

1464.3

1514.1

1591.3

2867.7

2940.5

1173.1

1208.5

1268.4

25

20

15

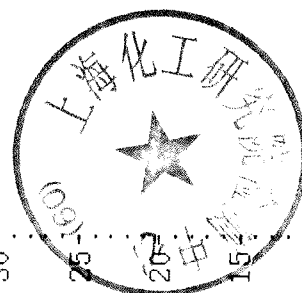
10

1000

2000

3000

cm<sup>-1</sup>



中国科学院