



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ORYZA GAMMA™ MILKY** (FOOD)

This product is milky white liquid which contains more than 5.0 % of γ -oryzanol ($C_{40}H_{58}O_4$) emulsified with high quality of emulsifying agents.

Appearance

This product is white or slightly yellow colored sticky liquid. It has unique smell.

Identification

(γ -oryzanol)

When 2g of this product is dissolved and heated with potassium hydroxide ethanolic solution, there occurs yellow coloring.

γ -Oryzanol

Min. 5.0 % (UV spectrophotometry)

Purity Test

(1)Heavy Metals (as Pb)

Max. 10 ppm (Sodium Sulfide Colorimetric Method)

(2) Arsenic (as As₂O₃)

Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)

Standard Plate Counts

Max. 1×10^3 cfu/g (Analysis for Hygienic Chemists)

Moulds and Yeasts

Max. 1×10^2 cfu/g (Analysis for Hygienic Chemists)

Coliforms

Negative (Analysis for Hygienic Chemists)

Composition

Ingredient	Content
Glycerin	40 %
Purified water	25 %
Caprylic/capric acid triglyceride	15 %
Glycerin ester of fatty acid	12 %
γ -oryzanol	5 %
Lecithin	3 %
Total	100 %

Expiry date

2 years from date of manufacturing.

Storage

Store it in a cool, dry, ventilated area with desiccant.

Keep it away from high temperature and sunlight, and store it in a closed container.

Established Date	January 18,1999
Revised Date	May 26, 2017
Specification No.	T-726EN