



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ORYZA GABATM EXTRACT-C** (FOOD)

This product is made from glutamic acid contained in rice germ from the rice seed of *Oryza sativa* Linne (*Gramineae*), which is transformed with the help of rice germ enzyme and *Lactobacillus brevis* fermentation into Gamma-aminobutyric acid (GABA). The enriched GABA and water soluble nutrients are extracted, dried and powdered. The powder is water-soluble.

<u>Appearance</u>	Light brown powder with slight unique aroma.								
<u>γ-aminobutyric acid</u>	Min. 500 mg/100 g (HPLC)								
<u>Loss on Drying</u>	Max. 10.0 % (Analysis for Hygienic Chemists, 1g, 105 °C, 2 hr)								
<u>Ignition Residue</u>	Max. 12.0 % (The Japanese Standards for Food Additives)								
<u>Purity Test</u>									
(1)Heavy Metals (as Pb)	Max. 10 ppm (Sodium Sulfide Colorimetric Method)								
(2)Arsenic (as As ₂ O ₃)	Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)								
<u>Standard Plate Counts</u>	Max. 3×10 ³ cfu/g (Analysis for Hygienic Chemists)								
<u>Moulds and Yeasts</u>	Max. 1×10 ³ cfu/g (Analysis for Hygienic Chemists)								
<u>Coliforms</u>	Negative (Analysis for Hygienic Chemists)								
<u>Composition</u>									
	<table><thead><tr><th><u>Ingredient</u></th><th><u>Content</u></th></tr></thead><tbody><tr><td>Rice Germ Extract</td><td>70 %</td></tr><tr><td>Maltodextrin</td><td>30 %</td></tr><tr><td>Total</td><td>100 %</td></tr></tbody></table>	<u>Ingredient</u>	<u>Content</u>	Rice Germ Extract	70 %	Maltodextrin	30 %	Total	100 %
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Rice Germ Extract	70 %								
Maltodextrin	30 %								
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	June 1, 1997
Revised Date	March 5, 2018
Specification No.	S-805EN