



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ORYZA GABA™ EXTRACT-F95R** (FOOD)

This product is made from glutamic acid derived from rice germ of *Oryza sativa* Linne (*Gramineae*), which is transformed with the help of *Lactobacillus hilgardii* fermentation into Gamma-aminobutyric acid (GABA), then refined into water-soluble powder. It guarantees minimum of 95% of GABA.

<u>Appearance</u>	White to light yellowish powder with slight unique aroma					
<u>γ-aminobutyric acid</u>	Min. 95 %	(HPLC)				
<u>Loss on Drying</u>	Max. 3.0 %	(Analysis for HygienicChemists, 1g, 105 °C、2 hr)				
<u>Ignition Residue</u>	Max. 3.0 %	(The Japanese Standards for Food Additives)				
<u>Purity Test</u>						
<u>(1)Heavy Metals (as Pb)</u>	Max. 10 ppm	(Sodium Sulfide Colorimetric Method)				
<u>(2) Arsenic (as As₂O₃)</u>	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>Ingredient</th><th>Content</th></tr></thead><tbody><tr><td>Rice Extract</td><td>100%</td></tr></tbody></table>	Ingredient	Content	Rice Extract	100%	
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Rice Extract	100%					
<u>Expiry date</u>	2 years from date of manufacturing.					
<u>Storage</u>	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	August 21, 2019
Revised Date	November 30, 2023
Specification No.	Y-330EN