



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ORYZA GABA™ EXTRACT-HC5** (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 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 yellowish powder with slight unique aroma	
<u>γ-aminobutyric acid</u>	Min. 5.0 %	(HPLC)
<u>Loss on Drying</u>	Max. 10.0 %	(Analysis for HygienicChemists, 1g, 105 °C、2 hr)
<u>Ignition Residue</u>	Max. 15.0 %	(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. 1.5×10 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>	Ingredient	Content (Values are just a guide)
	Rice Germ Extract	90%
	Maltodextrin	10%
	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	May 10, 2001
Revised Date	November 10, 2023
Specification No.	Y-310EN