



ORYZA OIL & FAT CHEMICAL CO.,LTD.

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN

TEL:+81-586-86-5141 FAX:+81-586-86-6191

URL: <https://www.oryza.co.jp/> E-mail: info@oryza.co.jp

PRODUCT STANDARD

PRODUCT NAME : **ORYZA GABATM EXTRACT-HC5** (COSMETIC)

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 slightly characteristic odor.
<u>γ-aminobutyric acid</u>	Min. 5.0 % (HPLC)
<u>Loss on Drying</u>	Max. 10.0 % (1g, 105 °C, 2 hr)
<u>Ignition Residue</u>	Max. 15.0 % (The First Method, 5g)
<u>Purity Test</u>	
<u>(1)Heavy Metals (as Pb)</u>	Max. 10 ppm (The Second method of The Japanese Standards of Quasi-Drug Ingredients)
<u>(2)Arsenic (as As₂O₃)</u>	Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<u>Standard Plate Counts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative (Analysis for Hygienic Chemists)

<u>Composition</u>	Ingredient	Content (Values are just a guide)
	Oryza Sativa (Rice) Germ Extract	90 %
	Dextrin	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	July 28, 2005
Revised Date	November 10, 2023
Specification No.	Y-310EN