



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ORYZA TRITERPENOID-C** (COSMETIC)

This product is hydrolysed and refined from rice bran and rice germ of *Oryza sativa* Linne (*Grami-
 neae*) . It guarantees a minimum 90.0 % total triterpenoids.

<u>Appearance</u>	White to slight yellowish and odorless powder.	
<u>Triterpenoid</u>	Min. 90.0 %	(GC)
<u>Identification</u>	Dissolve 100 mg of sample in 25 mL of chloroform in a volumetric flask. Prepare the standard solution by dissolving 0.05g of standard stigmasterol in 25 mL of chloroform to achieve concentration of 2 μ g/mL. Proceed for GC analysis. GC analysis is performed according to the following conditions for 2 μ L of test solution and standard solution. The peak of triterpenoid is found in the GC chromatogram of test solution.	
<u>Triterpenoid</u>		
<u>Melting point</u>	90~115 °C	
<u>Loss on Drying</u>	Max. 1.0 %	(1g, 105 °C, 2 hr)
<u>Residue on Ignition</u>	Max. 0.5 %	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients, 1g)
<u>Purity Test</u>		
(1)Heavy Metals (as Pb)	Max. 10 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
(2)Arsenic (as As ₂ O ₃)	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>	<u>Ingredient</u>	<u>Content</u>
	Rice Bran/Germ Triterpenoids	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	May 2, 2007
Revised Date	January 6, 2020
Specification No.	U-006EN