



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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### PRODUCT STANDARD

PRODUCT NAME : **ORYZA CERAMIDE<sup>TM</sup>-PC8** (COSMETIC)

This product is extracted with hexane and ethanol from rice bran and rice germ of *Oryza sativa* Linne (*Gramineae*). It contains a minimum of 8.0 % Ceramide (Glycosphingolipids).

<b><u>Appearance</u></b>	Yellowish powder with slightly characteristic odor.	
<b><u>Identification</u></b>	Add 2 mL of iodine reagent to 0.2 g of this product and boil it in water bath. Purple brown precipitate is formed at the room temperature.	
<b><u>Cyclodextrin</u></b>		
<b><u>Ceramide (Glycosphingolipids)</u></b>	Min. 8.0 %	(Densitometry Method) (HPLC Light Scattering Method)
<b><u>Loss on Drying</u></b>	Max. 5.0 %	(1g, 105 °C、 2 hr)
<b><u>Purity Test</u></b>		
<b><u>(1)Heavy Metals (as Pb)</u></b>	Max. 10 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)</u></b>	Max. 1 ppm	(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>Standard Plate Counts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Moulds and Yeasts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Coliforms</u></b>	Negative	(Analysis for Hygienic Chemists)
<b><u>Composition</u></b>	<b><u>Ingredient</u></b>	<b><u>Content</u></b>
	Cyclodextrin	60 %
	Oryza Sativa (Rice) Bran Oil	32 %
	<u>Glucosyl Ceramide</u>	8 %
	Total	100 %
<b><u>Expiry date</u></b>	2 years from date of manufacturing.	
<b><u>Storage</u></b>	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 14, 2004
Revised Date	February 25, 2019
Specification No.	M-925EN