



ORYZA OIL & FAT CHEMICAL CO.,LTD.

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN
 Phone:+81-586-86-5141 Facsimile:+81-586-86-6191
 URL/http://www.oryza.co.jp/ E-mail:info@oryza.co.jp

PRODUCT STANDARD

PRODUCT NAME : **ORYZA CERAMIDE™-WSPC8**(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).

This product is water-soluble.

<u>Appearance</u>	Yellowish powder with slightly characteristic odor	
<u>Identification</u> (Cyclodextrin)	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.	
<u>Ceramide</u> (GlycosphingoLipids)	Min. 8.0 %	(Densitometry Method)
		(HPLC Light Scattering Method)
<u>Loss on Drying</u>	Max. 5.0 %	(1g, 105 °C、 2 hr)
<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>	<u>Ingredient</u> <u>Content</u>	
	Maltosyl Cyclodextrin	} 60 %
	Cyclodextrin	
	Dimaltosyl Cyclodextrin	
	Maltose	
	Oryza Sativa (Rice) Bran Oil	32 %
	Glucosyl Ceramide	8 %
	Total	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	November 20, 2006
Revised Date	February 28, 2019
Specification No.	M-928EN