



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ORYZA CERAMIDETM-WSPC** (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 3.0 % Ceramide (Glycosphingolipids).

This product is water-soluble.

<u>Appearance</u>	Slightly yellow powder with slightly characteristic odor.														
<u>Identification</u>	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>(Cyclodextrin)</u>															
<u>Ceramide</u>	Min. 3.0 %	(Densitometry Method)													
<u>(Glycosphingolipids)</u>		(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>	<table border="0"> <thead> <tr> <th><u>Ingredient</u></th> <th><u>Content</u></th> </tr> </thead> <tbody> <tr> <td>Maltosyl Cyclodextrin</td> <td rowspan="4">} 60 %</td> </tr> <tr> <td>Cyclodextrin</td> </tr> <tr> <td>Dimaltosyl Cyclodextrin</td> </tr> <tr> <td>Maltose</td> </tr> <tr> <td>Oryza Sativa (Rice) Bran Oil</td> <td>37 %</td> </tr> <tr> <td><u>Glucosyl Ceramide</u></td> <td>3 %</td> </tr> <tr> <td>Total</td> <td>100 %</td> </tr> </tbody> </table>		<u>Ingredient</u>	<u>Content</u>	Maltosyl Cyclodextrin	} 60 %	Cyclodextrin	Dimaltosyl Cyclodextrin	Maltose	Oryza Sativa (Rice) Bran Oil	37 %	<u>Glucosyl Ceramide</u>	3 %	Total	100 %
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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 26, 2019
Specification No.	M-926EN