



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 CERAMIDETM-LC0.8** (COSMETIC)

This product is water-soluble emulsion containing Ceramide (Glycosphingolipids) extracted with hexane and ethanol from rice bran and rice germ of *Oryza sativa* Linne (*Graminea*). It contains a minimum of 0.80 % Ceramide (Glycosphingolipids).

<u>Appearance</u>	Slight yellowish liquid with slightly characteristic odor.															
<u>Identification</u>	10 g of this product is dissolved in 50 mL of ethanol in separating funnel. Ethanol layer is evaporated. When 0.5 g of potassium hydrogensulfate is added in residue and heated, it occurs irritating smell.															
<u>Glycerin</u>	Min. 0.80 %	(Densitometry Method) (HPLC Light Scattering Method)														
<u>Ceramide (Glycosphingo- Lipids)</u>	Min. 0.80 %	(Densitometry Method) (HPLC Light Scattering Method)														
<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="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Ingredients</u></th> <th style="text-align: left;"><u>Content</u></th> </tr> </thead> <tbody> <tr> <td>Glycerin</td> <td>46.0 %</td> </tr> <tr> <td>Water</td> <td>40.0 %</td> </tr> <tr> <td>Polyglyceryl-10 oleate</td> <td>10.0 %</td> </tr> <tr> <td>Oryza Sativa (Rice) Bran Oil</td> <td>3.2 %</td> </tr> <tr> <td>Glucosyl Ceramide</td> <td>0.8 %</td> </tr> <tr> <td>Total</td> <td>100.0 %</td> </tr> </tbody> </table>		<u>Ingredients</u>	<u>Content</u>	Glycerin	46.0 %	Water	40.0 %	Polyglyceryl-10 oleate	10.0 %	Oryza Sativa (Rice) Bran Oil	3.2 %	Glucosyl Ceramide	0.8 %	Total	100.0 %
<u>Ingredients</u>	<u>Content</u>															
Glycerin	46.0 %															
Water	40.0 %															
Polyglyceryl-10 oleate	10.0 %															
Oryza Sativa (Rice) Bran Oil	3.2 %															
Glucosyl Ceramide	0.8 %															
Total	100.0 %															
<u>Expiry date</u>	1 year 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	July 14, 2004
Revised Date	July 30, 2018
Specification No.	N-830EN