



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

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### PRODUCT STANDARD

PRODUCT NAME : **ORYZA TOCOTRIENOL™-L10**(COSMETIC)

This product is water-soluble mixture of tocotrienols extracted and concentrated from the rice bran and the rice germ of *Oryza sativa* Linne (*Gramineae*). It contains minimum of 7.0 % total tocotrienols (  $\alpha$ ,  $\beta$ ,  $\gamma$ ,  $\delta$  ).

**Appearance**

Light brown colored sticky liquid with slightly characteristic odor.

**Identification**

0.15 g of this product is dissolved in 10 mL of ethanol, then 2 mL of nitric acid is added to the mixture. After incubation at 75°C for 15 minutes, the solution shows red-orange color.

**Content**

Total tocopherols and tocotrienols      Min. 10.0 % (HPLC)

Total tocotrienols                              Min. 7.0 % (HPLC)

**Purity Test**

**(1) Heavy Metals (as Pb)**

Max. 10 ppm

(The Second Method of The Japanese Standards of Quasi-Drug Ingredients )

**(2) Arsenic (as As<sub>2</sub>O<sub>3</sub>)**

Max. 1 ppm

(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

**Standard Plate Counts**

Max. 1×10<sup>2</sup> cfu/g

(Analysis for Hygienic Chemists)

**Moulds and Yeasts**

Max. 1×10<sup>2</sup> cfu/g

(Analysis for Hygienic Chemists)

**Coliforms**

Negative

(Analysis for Hygienic Chemists)

**Composition**

Ingredient	Content (Values are just a guide)
Glycerin	44 %
Water	28 %
Polyglyceryl-10 Oleate	16 %
Tocotrienols	7 %
Tocopherol	3 %
Oryza Sativa (Rice) Bran oil	2 %
Total	100 %

**Expiry date**

2 years from date of manufacturing.

**Storage**

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 1, 2008
Revised Date	June 30, 2020
Specification No.	G-030EN