



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

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### PRODUCT STANDARD

PRODUCT NAME : **RED RICE EXTRACT-LC** (COSMETIC)

This product is extracted from red rice of *Oryza sativa* L. with aqueous ethanol and dissolved in 1,3-butylene glycol (BG).

**Appearance**

Brown liquid with slightly characteristic odor

**Certification**

**Polyphenols**

Dissolve 30  $\mu$ L of this product in 3.5 mL water. Add 0.2 mL Folin-Denis reagent into the solution followed by 0.4 mL saturated  $\text{Na}_2\text{CO}_3$ . The solution will change into blue.

**Purity Test**

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

Max. 10 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)

**(2)Arsenic (as  $\text{As}_2\text{O}_3$ )**

Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

**Standard Plate Counts**

Max.  $1 \times 10^2$  cfu/g (Analysis for Hygienic Chemists)

**Moulds and Yeasts**

Max.  $1 \times 10^2$  cfu/g (Analysis for Hygienic Chemists)

**Coliforms**

Negative (Analysis for Hygienic Chemists)

**Composition**

<u>Ingredient</u>	<u>Content</u>
Water	50 %
BG	49 %
<u>Oryza Sativa (Rice) Extract</u>	1 %
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	November 19, 2007
Revised Date	October 6, 2023
Specification No.	Z-306EN