



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME: **PERILLA SEED EXTRACT-LOGC** (COSMETIC)

This product is a mixture of an extract obtained from the seeds of perilla (*Perilla frutescens* var. *frutescens*) with ethanol solution, glycerine and water. It contains sodium benzoate and potassium sorbate as preservative. It comprises not less than 2.0% of polyphenol in the product.

Appearance

Dark brown liquid with characteristic odor.

Identification

To 1.0 g of this product, add 8.5 mL of 90 % diethylene glycol and 0.5 mL of 1 N NaOH; It develops yellow color. (DAVIS method)

(Flavonoid)

Polyphenols

Min. 2.0 % (Folin-Denis method)

Purity Test

(1)Heavy Metals (as Pb)

Max. 20 ppm (Sodium Sulfide Colorimetric Method)

(2)Arsenic (as As₂O₃)

Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)

Standard Plate Counts

Max. 1×10² cfu/g (Analysis for Hygienic Chemists)

Moulds and Yeasts

Max. 1×10² cfu/g (Analysis for Hygienic Chemists)

Coliforms

Negative (Analysis for Hygienic Chemists)

Composition

<u>Ingredient</u>	<u>Content</u>
Glycerin	49.2 %
Water	30.0 %
Perilla Ocymoides Seed Extract	20.0 %
Sodium Benzoate	0.4 %
<u>Potassium Sorbate</u>	<u>0.4 %</u>
Total	100.0 %

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.

* If you find precipitate on the bottle, please use the product after filtering.

Established Date	March 18, 2014
Revised Date	September 12, 2019
Specification No.	R-912EN