



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

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### PRODUCT STANDARD

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

This product is extracted from the seeds of perilla (*Perilla frutescens* var.*frutescens*) with aqueous ethanol. It guarantees a minimum of 3.0 % polyphenols. This product is water-soluble.

**Appearance**

Pale yellow to yellow powder with slightly 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. Then it changes yellow. (DAVIS method)

Flavonoid

**Polyphenols**

Min. 3.0 % (Folin-Denis method)

**Loss on Drying**

Max. 5.0 % (1g, 105 °C, 2 hr)

**Purity Test**

(1)Heavy Metals (as Pb)

Max. 30 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
Dextrin	70 %
Perilla Ocymoides Seed Extract	30 %
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 30, 2005
Revised Date	November 2, 2017
Specification No.	Y-702EN