



## 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 : **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.

<b><u>Appearance</u></b>	Pale yellow to yellow powder with slightly characteristic odor.	
<b><u>Identification</u></b>	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)	
<b><u>Flavonoid</u></b>		
<b><u>Polyphenols</u></b>	Min. 3.0 %	(Folin-Denis method)
<b><u>Loss on Drying</u></b>	Max. 5.0 %	(1g, 105 °C, 2 hr)
<b><u>Purity Test</u></b>		
<b>(1)Heavy Metals (as Pb)</b>	Max. 30 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
<b>(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)</b>	Max. 1 ppm	(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>Standard Plate Counts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Moulds and Yeasts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Coliforms</u></b>	Negative	(Analysis for Hygienic Chemists)

<b><u>Composition</u></b>	<b>Ingredient</b>	<b>Content (Values are just a guide)</b>
	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	July 28, 2020
Specification No.	N-028MM