



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-POC**(COSMETIC)

This product is extracted from the seeds of perilla (*Perilla frutescens* var. *frutescens*) with aqueous ethanol. It contains not less than 3.0 % of Polyphenols.

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

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	Trehalose	70 %
	Perilla Ocymoides Seed Extract	30 %
	Total	100 %

<u>Expiry date</u>	2 years from date of manufacturing.
<u>Storage</u>	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 22, 2008
Revised Date	February 12, 2019
Specification No.	M-912EN