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PRODUCT STANDARD

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

This product is extracted from the seeds of perilla *perilla frutescens* var. *frutescens* with aqueous ethanol and is dissolved in aqueous 1,3-butylene glycol

<u>Appearance</u>	Yellow or pale brown clear liquid with slightly characteristic odor.	
<u>Identification</u>		
(1)Tannins	The solution (1→5) of this product shows blue color after ferric chloride is added.	
(2)Polyphenols	The solution (1→5) of this product shows no color after potassium permanganate is added.	
<u>Polyphenols</u>	Min. 0.1 %	(Folin-Denis method)
<u>pH</u>	5.00 to 6.50	(10 % solution)
<u>Specific Gravity</u>	1.020 to 1.060	(25 °C)
<u>Purity Test</u>		
(1)Heavy Metals (as Pb)	Max. 20 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
(2)Arsenic (as As₂O₃)	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> (Values are just a guide)
	Butylene Glycol	69 %
	Water	30 %
	<u>Perilla Ocymoides Seed Extract</u>	<u>1 %</u>
	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	October 25, 1999
Revised Date	July 28, 2020
Specification No.	N-028MM