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PRODUCT STANDARD

PRODUCT NAME : **BLACK GINGER EXTRACT-LC** (COSMETIC)

This product is extracted from the rhizome of *Kaempferia parviflora* (*Zingiberaceae*), with aqueous ethanol and is dissolved in propanediol. It guarantees minimum 0.1% 5,7-dimethoxyflavone and 0.4% total polymethoxyflavone.

<u>Appearance</u>	Reddish brown to purple liquid with slightly characteristic odor.
<u>5,7-Dimethoxyflavone</u>	Min. 0.1 % (HPLC)
<u>Total Polymethoxyflavone</u>	Min. 0.4 % (Spectrophotometry)
<u>Purity Test</u>	
(1)Heavy Metals (as Pb)	Max. 10 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> (Values are just a guide)
	Propanediol	90 %
	Water	9 %
	<u>Kaempferia Parviflora Rhizome Extract</u>	1 %
	Total	100 %

<u>Expiry date</u>	1 year from date of manufacturing.
<u>Storage</u>	Store it in a cool, dry, ventilated area. Keep it away from high temperature and sunlight, and store it in a closed container.

Established Date	May 11, 2012
Revised Date	November 9, 2023
Specification No.	Y-309EN