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PRODUCT STANDARD

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

This product is extracted with aqueous ethanol from the rhizome of *Kaempferia parviflora* (*Zingiberaceae*). It contains a minimum of 0.25 % 5,7-dimethoxyflavone and 1.00 % total polymethoxyflavone. This product is water soluble.

<u>Appearance</u>	Greyish brown to greyish purple powder with light unique aroma.	
<u>5,7-Dimethoxyflavone</u>	Min. 0.25 %	(HPLC)
<u>Total Polymethoxyflavone</u>	Min. 1.00 %	(Spectrophotometry)
<u>Loss on Drying</u>	Max. 10.0 %	(Analysis for Hygienic Chemists, 1g, 105 °C、 2 hr)

<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 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)
	Cyclodextrin	} 95 %
	Maltosyl Cyclodextrin	
	Dimaltosyl Cyclodextrin	
	Maltose	
	<u>Kaempferia Parviflora Rhizome Extract</u>	5 %
	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 11, 2012
Revised Date	November 9, 2023
Specification No.	Y-309EN