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PRODUCT STANDARD

PRODUCT NAME : **BLACK GINGER EXTRACT-WSP** (FOOD)

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 HygienicChemists, 1g, 105 °C、 2 hr)
<u>Purity Test</u>	
<u>(1)Heavy Metals (as Pb)</u>	Max. 10 ppm (Sodium Sulfide Colorimetric Method)
<u>(2) Arsenic (as As₂O₃)</u>	Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 1×10 ³ 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 %
	<u>Black Ginger Extract</u>	<u>5 %</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	May 11, 2012
Revised Date	November 10, 2023
Specification No.	Y-310EN