



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 : **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 Hygienic Chemists, 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>
	Cyclodextrin	95 %
	Black Ginger Extract	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	October 28, 2019
Specification No.	Z-928EN