



## 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-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.

<b><u>Appearance</u></b>	Reddish brown to purple liquid with slightly characteristic odor.	
<b><u>5,7-Dimethoxyflavone</u></b>	Min. 0.1 %	(HPLC)
<b><u>Total Polymethoxyflavone</u></b>	Min. 0.4 %	(Spectrophotometry)
<b><u>Purity Test</u></b>		
(1)Heavy Metals (as Pb)	Max. 10 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
(2)Arsenic (as As <sub>2</sub> O <sub>3</sub> )	Max. 1 ppm	(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>Standard Plate Counts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Moulds and Yeasts</u></b>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<b><u>Coliforms</u></b>	Negative	(Analysis for Hygienic Chemists)

<b><u>Composition</u></b>	<b><u>Ingredient</u></b>	<b><u>Content</u></b>
	Propanediol	90 %
	Water	9 %
	<u>Kaempferia Parviflora Rhizome Extract</u>	1 %
	Total	100 %

**Expiry date**

1 year from date of manufacturing.

**Storage**

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	August 28, 2018
Specification No.	Q-828EN