



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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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.

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

Purity Test
(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)

Standard Plate Counts Max. 1×10² cfu/g (Analysis for Hygienic Chemists)
Moulds and Yeasts Max. 1×10² cfu/g (Analysis for Hygienic Chemists)
Coliforms Negative (Analysis for Hygienic Chemists)

| <u>Composition</u> | <u>Ingredient</u> | <u>Content</u> |
|--------------------|--|----------------|
| | 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.

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|-------------------|-----------------|
| Established Date | May 11, 2012 |
| Revised Date | August 20, 2016 |
| Specification No. | Q-620EN |