



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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## PRODUCT STANDARD

PRODUCT NAME : **JAPANESE BUTTERBUR EXTRACT-LC** (COSMETIC)

This product is extracted with aqueous ethanol from Japanese butterbur, the stems and leaves of *Petasites japonicus* (Compositae). and dissolved in aqueous 1,3-butylene glycol.

### Appearance

Brown liquid with odorless or slightly characteristic odor

### Identification

Dissolve 30 µL of this product in 3.5 mL water. Add 0.2 mL

Polyphenols

Folin-Denis reagent into the solution followed by 0.4 mL saturated Na<sub>2</sub>CO<sub>3</sub>. The solution will turn into blue color.

### Purity Test

#### (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)

### Standard Plate Counts

Max. 1×10<sup>2</sup> cfu/g

(Analysis for Hygienic Chemists)

### Moulds and Yeasts

Max. 1×10<sup>2</sup> cfu/g

(Analysis for Hygienic Chemists)

### Coliforms

Negative

(Analysis for Hygienic Chemists)

### Composition

| <u>Ingredient</u>                            | <u>Content</u> |
|--|----------------|
| Butylene Glycol                              | 69%            |
| Water  | 30%            |
| <u>Petasites Japonicus Leaf/Stem Extract</u> | <u>1%</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  | April 5, 2004    |
| Revised Date      | November 2, 2018 |
| Specification No. | Y-802EN          |