



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

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### PRODUCT STANDARD

PRODUCT NAME : **WATER SHIELD EXTRACT-LC** (COSMETICS)

This product is extracted with aqueous ethanol from the leaves of water shield *Brasenia schreberi* J.F.Gmelin. and dissolved in aqueous propanediol.

#### Appearance

Yellowish brown to brown liquid with slightly characteristic odor.

#### Certification Test

Polyphenols

Dissolve 30  $\mu$ L of this product in 3.5 mL water. Add 0.2 mL Folin-Denis reagent into the solution followed by 0.4 mL saturated  $\text{Na}_2\text{CO}_3$ . The solution will be blue.

#### Purity Test

##### (1) Heavy Metals (as Pb)

Max. 10 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)

##### (2) Arsenic (as $\text{As}_2\text{O}_3$ )

Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

#### Standard Plate Counts

Max.  $1 \times 10^2$  cfu/g (Analysis for Hygienic Chemists)

#### Moulds and Yeasts

Max.  $1 \times 10^2$  cfu/g (Analysis for Hygienic Chemists)

#### Coliforms

Negative (Analysis for Hygienic Chemists)

#### Composition

<u>Ingredient</u>	<u>Content</u>	(Values are just a guide)
Propanediol	70 %	
Water	29 %	
<u>Brasenia Schreberi Leaf Extract</u>	1 %	
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	September 25, 2012
Revised Date	June 30, 2020
Specification No.	G-030EN