



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

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### PRODUCT STANDARD

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

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

<b><u>Appearance</u></b>	Pale yellowish brown to gray-yellowish green powder with slightly characteristic odor.	
<b><u>Polyphenols</u></b>	Min. 5.0 %	(Folin-Denis method)
<b><u>Junsainoside A</u></b>	Min. 0.01 %	(HPLC)
<b><u>Polysaccharides</u></b> (Originated from water shield)	Min. 2.5 %	(Phenol-sulfuric acid method)
<b><u>Loss on Drying</u></b>	Max. 10.0 %	(Analysis for Hygienic Chemists, 1 g, 105°C, 2 hr)
<b><u>Purity Test</u></b>		
<b><u>(1) Heavy Metals (as Pb)</u></b>	Max. 20 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
<b><u>(2) Arsenic (as As<sub>2</sub>O<sub>3</sub>)</u></b>	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> (Values are just a guide)
	Sodium Starch Octenylsuccinate	83 %
	<u>Brasenia Schreberi Leaf Extract</u>	<u>17 %</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	September 25, 2012
Revised Date	June 30, 2020
Specification No.	G-030EN