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PRODUCT STANDARD

PRODUCT NAME : **WATER SHIELD EXTRACT-P** (FOOD)

This product is extracted with aqueous ethanol from the leaves of water shield (*Brasenia schreberi*).

Appearance	Pale yellowish brown to gray-yellowish green powder with slightly unique scent.	
Polyphenols	Min. 5.0 %	(Folin-Denis method)
Junsainoside A	Min. 0.01 %	(HPLC)
Polysaccharides (Originated from water shield)	Min. 2.5 %	(Phenol-sulfuric acid method)
Loss on Drying	Max. 10.0 %	(Analysis for HygienicChemists, 1 g, 105ºC, 2 hr)
Purity Test		
(1) Heavy Metals (as Pb)	Max. 20 ppm	(Sodium Sulfide Colorimetric Method)
(2) Arsenic (as As_2O_3)	Max. 1 ppm	(Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
Standard Plate Counts	Max. 3×10^3 cfu/g	(Analysis for Hygienic Chemists)
Moulds and Yeasts	Max. 1×10^3 cfu/g	(Analysis for Hygienic Chemists)
Coliforms	Negative	(Analysis for Hygienic Chemists)

Composition

Ingredient	Content
Modified Starch	83 %
Water Shield Extract	17 %
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	January 18, 2019
Specification No.	U-918EN