



ORYZA OIL & FAT CHEMICAL CO.,LTD.

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN
Phone:+81-586-86-5141 Facsimile:+81-586-86-6191
URL/http://www.oryza.co.jp/ E-mail:info@oryza.co.jp

PRODUCT STANDARD

PRODUCT NAME : **WALNUT POLYPHENOL-WSPC10**
(COSMETIC)

This water-soluble product is extracted with aqueous ethanol from seed coats of walnut (*Juglans regia* L.) or its congeners. It guarantees minimum 10.0 % polyphenols.

<u>Appearance</u>	Light brown to dark brown powder with slightly characteristic odor
<u>Polyphenols</u>	Min. 10.0 % (Folin-Denis method)
<u>Tellimagrandin I</u>	Identification of peak (HPLC)
<u>Loss on Drying</u>	Max. 10.0 % (1g, 105 °C, 2 hr)
<u>Purity Test</u>	
(1)Heavy Metals (as Pb)	Max. 10 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
(2)Arsenic (as As ₂ O ₃)	Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<u>Standard Plate Counts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative (Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	Dextrin	67 %
	<u>Juglans Regia (Walnut) Seedcoat Extract</u>	<u>33 %</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 19, 2006
Revised Date	June 27, 2019
Specification No.	G-927EN