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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> (Values are just a guide)
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	October 12, 2023
Specification No.	Z-312EN