



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **WALNUT POLYPHENOL-PC10**(COSMETIC)

This product is extracted with aqueous ethanol from seed coats of walnut (*Juglans regia* L.) or its congeners. It guarantees minimum 10.0 % polyphenols and 0.1% tellimagrandin I.

<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>	Min. 0.1 % (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>									
	<table><thead><tr><th><u>Ingredient</u></th><th><u>Content</u>(Values are just a guide)</th></tr></thead><tbody><tr><td>Dextrin</td><td>67 %</td></tr><tr><td><u>Juglans Regia (Walnut) Seedcoat Extract</u></td><td><u>33 %</u></td></tr><tr><td>Total</td><td>100 %</td></tr></tbody></table>	<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 %
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Dextrin	67 %								
<u>Juglans Regia (Walnut) Seedcoat Extract</u>	<u>33 %</u>								
Total	100 %								
<u>Expiry date</u>	2 years from date of manufacturing.								
<u>Storage</u>	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