



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **WALNUT POLYPHENOL-P10** (FOOD)

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.

Appearance Light brown to dark brown powder with slightly unique smell
Polyphenols Min. 10.0 % (Folin-Denis method)
Tellimagrandin I Min. 0.1 % (HPLC)
Loss on Drying Max. 10.0 % (Analysis for Hygienic Chemists, 1g, 105 °C、 2 hr)

Purity Test
(1)Heavy Metals (as Pb) Max. 20 ppm (Sodium Sulfide Colorimetric Method)
(2)Arsenic (as As₂O₃) Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)

Standard Plate Counts Max. 3×10³ cfu/g (Analysis for Hygienic Chemists)
Moulds and Yeasts Max. 1×10³ cfu/g (Analysis for Hygienic Chemists)
Coliforms Negative (Analysis for Hygienic Chemists)

Composition

<u>Ingredient</u>	<u>Content</u> (Values are just a guide)
Maltodextrin	67 %
Walnut Extract	33 %
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