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PRODUCT STANDARD

PRODUCT NAME : **PERILLA SEED EXTRACT-PO** (FOOD)

This product is extracted from the seeds of perilla (*perilla frutescens* var. *frutescens*) with aqueous ethanol. It guarantees a minimum of 3.0 % polyphenols.

Appearance

Yellowish powder with slightly unique smell.

Certification Test

To 1.0 g of this product, add 8.5 mL of 90 % diethylene glycol and 0.5 mL of 1 N NaOH. Then it changes yellow. (DAVIS method)

Polyphenols

Min. 3.0 % (Folin-Denis method)

Loss on Drying

Max. 5.0 % (Analysis for Hygienic Chemists,
1g, 105 °C, 2 hr)

Purity Test

(1)Heavy Metals (as Pb)

Max. 30 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. 1×10³ cfu/g (Analysis for Hygienic Chemists)

Moulds and Yeasts

Max. 1×10² cfu/g (Analysis for Hygienic Chemists)

Coliforms

Negative (Analysis for Hygienic Chemists)

Composition

<u>Ingredient</u>	<u>Content</u>
Trehalose	70 %
Perilla Seed Extract	30 %
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	May 1, 2000
Revised Date	May 29 2018
Specification No.	T-829EN