



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **COFFEE BEAN EXTRACT-WSP** (FOOD)

This product is extracted with aqueous ethanol from the seeds of coffee beans (*Coffea arabica*, *Coffea robusta*). It guarantees minimum of 40.0 % of chlorogenic acids. This powder is water-soluble.

Appearance Light yellow to yellowish brown powder with characteristic odor.

Chlorogenic acids (9 peaks) Min. 40.0 % (HPLC)

Loss on Drying Max. 10.0 % (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. 3×10³ cfu/g (Analysis for Hygienic Chemists)

Moulds and Yeasts Max. 3×10² cfu/g (Analysis for Hygienic Chemists)

Coliforms Negative (Analysis for Hygienic Chemists)

Composition

Ingredient Content

Coffee Bean Extract 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	July 16, 2020
Revised Date	June 5, 2024
Specification No.	G-405EN