



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 coffee beans, the seeds of *Coffea robusta*. It guarantees minimum of 40.0 % of chlorogenic acids. This powder is water-soluble.

<u>Appearance</u>	Light yellow to yellowish brown powder with characteristic odor.	
<u>Chlorogenic acids (9 peaks)</u>	Min. 40.0 %	(HPLC)
<u>Loss on Drying</u>	Max. 10.0 %	(Analysis for Hygienic Chemists, 1g, 105 °C, 2 hr)
<u>Purity Test</u>		
(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)
<u>Standard Plate Counts</u>	Max. 3×10 ³ cfu/g	(Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 3×10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative	(Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	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	—
Specification No.	N-016EN