



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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## PRODUCT STANDARD

PRODUCT NAME : **COCOA EXTRACT-PC** (COSMETIC)

This product is extracted from cocoa seed, the seed of *Theobroma cacao* Linne (*Sterculiaceae*) with aqueous ethanol. It guarantees minimum of 10.0 % theobromine and 20.0 % polyphenols.

### Appearance

Pale reddish brown to dark brownish powder with slightly characteristic odor.

### Theobromine

Min. 10.0 % (HPLC)

### Polyphenols

Min. 20.0 % (Folin-Denis method)

### Loss on Drying

Max. 10.0 % (1 g, 105 °C、 2 hr)

### Purity Test

#### **(1)Heavy Metals (as Pb)**

Max. 30 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)

#### **(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)**

Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

### Standard Plate Counts

Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)

### Moulds and Yeasts

Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)

### Coliforms

Negative (Analysis for Hygienic Chemists)

### Composition

<u>Ingredient</u>	<u>Content</u>
Theobroma Cacao (Cocoa) 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	April 26, 2005
Revised Date	June 2, 2025
Specification No.	G-502MM

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