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PRODUCT STANDARD

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

This product is extracted from cocoa seed, the seed of *Theobroma cacao* Linne (*Sterculiaceae*) with aqueous ethanol and is dissolved in aqueous 1,3-butylene glycol.

Appearance

Brown liquid with slightly characteristic odor.

Identification

Polyphenols

Dissolve 0.5 ml of this product in 2.0 ml water. Add 0.2 ml Folin-Denis reagent into the solution followed by 0.4 ml saturated Na₂CO₃. The solution will turn into blue color.

Purity Test

(1)Heavy Metals (as Pb)

Max. 10 ppm

(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)

(2)Arsenic (as As₂O₃)

Max. 1 ppm

(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

Standard Plate Counts

Max. 1×10² 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>
Butylene Glycol	69 %
Water	30 %
<u>Theobroma Cacao(Cocoa) Extract</u>	<u>1 %</u>
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	April 26, 2005
Revised Date	November 6, 2017
Specification No.	Y-706EN