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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 (Values are just a guide)</u>
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Butylene Glycol	69 %
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Water	30 %
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<u>Theobroma Cacao(Cocoa) Extract</u>	1 %
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Total	100 %
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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	October 13, 2023
Specification No.	Z-313EN