



ORYZA OIL & FAT CHEMICAL CO.,LTD.

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN

TEL:+81-586-86-5141 FAX:+81-586-86-6191

URL: <https://www.oryza.co.jp/> E-mail: info@oryza.co.jp

PRODUCT STANDARD

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

This product is extracted from cocoa seed, the seed of *Theobroma cacao* Linne (*Sterculiaceae*) with aqueous ethanol. It guarantees minimum of 0.1 % theobromine and 0.2 % polyphenols. This product is water-soluble.

<u>Appearance</u>	Light brown powder with slightly characteristic odor.
<u>Theobromine</u>	Min. 0.1 % (HPLC)
<u>Polyphenols</u>	Min. 0.2 % (Folin-Denis method)
<u>Loss on Drying</u>	Max. 10.0 % (1 g, 105 °C、2 hr)
<u>Purity Test</u>	
(1) Heavy Metals (as Pb)	Max. 10 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
(2) Arsenic (as As ₂ O ₃)	Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<u>Standard Plate Counts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1×10 ² cfu/g (Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative (Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u> (Values are just a guide)
	Dextrin	75 %
	<u>Theobroma Cacao (Cocoa) Extract</u>	<u>25 %</u>
	Total	100 %

<u>Expiry date</u>	2 years from date of manufacturing.
<u>Storage</u>	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	August 1, 2007
Revised Date	October 13, 2023
Specification No.	Z-313EN