



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **CITRUS UNSHIU EXTRACT-PC** (COSMETIC)

This product is extracted with ethanol from peels of Satsuma mandarin, the fruits of *Citrus unshiu* (rutaceae). It contains minimum of 1000 μ g/100 g β -cryptoxanthin and minimum of 0.3 % hesperidin.

<u>Appearance</u>	Yellowish powder with slightly characteristic odor.	
<u>β-cryptoxanthin</u>	Min. 1000 μ g/100 g	(HPLC)
<u>Hesperidin</u>	Min. 0.3 %	(HPLC)
<u>Loss on Drying</u>	Max. 10.0 %	(1g, 105 °C, 2 hr)
<u>Purity Test</u>		
<u>(1) Heavy Metals (as Pb)</u>	Max. 10 ppm	(The Second Method of The Japanese Standards of Quasi-Drug Ingredients)
<u>(2) Arsenic (as As₂O₃)</u>	Max. 1 ppm	(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<u>Standard Plate Counts</u>	Max. 1 \times 10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1 \times 10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative	(Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredients</u>	<u>Contents</u>
	Cyclodextrin	70 %
	Citrus Unshiu Peel Extract	30 %
	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	November 15, 2005
Revised Date	December 4, 2018
Specification No.	K-804EN