



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **CITRUS UNSHIU EXTRACT-L** (FOOD)

This product is emulsifying liquid of constituents extracted from satsuma mandarin, the fruits of *citrus unshiu* (rutaceae) with ethanol. It contains a minimum of 330 µg/100g β-cryptoxanthin and a minimum of 0.10 % hesperidin.

<u>Appearance</u>	Yellow-dark brown liquid with slight unique aroma.																
<u>β-cryptoxanthin</u>	Min. 330 µg/100g (HPLC)																
<u>Hesperidin</u>	Min. 0.10 % (HPLC)																
<u>Purity Test</u>																	
<u>(1)Heavy Metals (as Pb)</u>	Max. 10 ppm (Sodium Sulfide Colorimetric Method)																
<u>(2) Arsenic (as As₂O₃)</u>	Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)																
<u>Standard Plate Counts</u>	Max. 1×10 ³ 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>																	
	<table><thead><tr><th><u>Ingredient</u></th><th><u>Content</u></th></tr></thead><tbody><tr><td>Hydrogenated Glucose Syrup</td><td>58.0 %</td></tr><tr><td>Purified Water</td><td>20.0 %</td></tr><tr><td>Citrus Unshiu Extract</td><td>10.0 %</td></tr><tr><td>Glycerin</td><td>10.0 %</td></tr><tr><td>Enzymatic Lysolecithin(Soy Bean)</td><td>1.5 %</td></tr><tr><td><u>Sucrose Fatty Acid Ester</u></td><td><u>0.5 %</u></td></tr><tr><td>Total</td><td>100.0 %</td></tr></tbody></table>	<u>Ingredient</u>	<u>Content</u>	Hydrogenated Glucose Syrup	58.0 %	Purified Water	20.0 %	Citrus Unshiu Extract	10.0 %	Glycerin	10.0 %	Enzymatic Lysolecithin(Soy Bean)	1.5 %	<u>Sucrose Fatty Acid Ester</u>	<u>0.5 %</u>	Total	100.0 %
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Expiry date One 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	January 27, 2005
Revised Date	November 14, 2018
Specification No.	Y-814EN