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PRODUCT STANDARD

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

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

<u>Appearance</u>	Light yellowish powder with slight unique aroma
<u>β-cryptoxanthin</u>	Min. 1000 µg/100g (HPLC)
<u>Hesperidin</u>	Min. 0.3 % (HPLC)
<u>Loss on Drying</u>	Max. 10.0 % (Analysis for HygienicChemists, 1g, 105 °C、 2 hr)

<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>	
<u>Ingredient</u>	<u>Content</u> (Values are just a guide)
Cyclodextrin	70 %
Citrus Unshiu Extract	30 %
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	January 27, 2005
Revised Date	October 18, 2023
Specification No.	Z-318EN