



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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### PRODUCT STANDARD

PRODUCT NAME : **MAQUI BERRY EXTRACT-LC** (COSMETIC)

This product is water-soluble liquid prepared from the extract of maqui berry, the fruit of *Aristotelia chilensis* by aqueous 1,3-butylene glycol.

#### Appearance

Red purple liquid with light characteristic odor.

#### Identification

##### (1) Anthocyanin

Dilute 0.1 mL this product in 5 mL methanol and add 0.2 mL hydrochloric acid. After heated the mixture to 80°C, the color of the solution changes to be red.

#### Purity Test

##### (1) Heavy Metals (as Pb)

Max. 10 ppm (The Second Method of The Japanese Standards of Quasi-Drug Ingredients)

##### (2) Arsenic (as As<sub>2</sub>O<sub>3</sub>)

Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

#### Standard Plate Counts

##### Moulds and Yeasts

Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)

##### Coliforms

Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)

Negative (Analysis for Hygienic Chemists)

#### Composition

<u>Ingredient</u>	<u>Content</u> (Values are just a guide)
Water	70%
Butylene glycol	29%
<u>Aristotelia chilensis fruit extract</u>	<u>1%</u>
Total	100%

#### Expiry date

1 year 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	May 18, 2012
Revised Date	November 6, 2023
Specification No.	Y-306EN