



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

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

Phone:+81-586-86-5141 Facsimile:+81-586-86-6191

URL/http://www.oryza.co.jp/ E-mail:info@oryza.co.jp

## 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>
Water	70%
Butylene glycol	29%
<u>Aristotelia chilensis fruit extract</u>	1%
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 28, 2019
Specification No.	Y-928EN