



## 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 : **STRAWBERRY SEED EXTRACT-P**  
(FOOD)

This product is extracted from strawberry (*Fragaria × ananassa* Duch.) seeds with aqueous ethanol.  
It guarantees minimum of 0.5 % tiliroside and 2.0 % polyphenols. This product is water-soluble.

**Appearance** Pale yellowish brown powder with light unique smell.  
**Tiliroside** Min. 0.5 % (HPLC)  
**Polyphenols** Min. 2.0 % (Folin-Denis method)  
**Loss on Drying** Max. 10.0 % (Analysis for HygienicChemists,  
1g, 105°C, 2 hr)

**Purity Test**  
**(1)Heavy Metals (as Pb)** Max. 20 ppm (Sodium Sulfide Colorimetric Method)  
**(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)** Max. 1 ppm (Standard Methods of Analysis in Food  
Safety Regulation, The Third Method,  
Apparatus B)  
**Standard Plate Counts** Max. 1×10<sup>3</sup> cfu/g (Analysis for Hygienic Chemists)  
**Moulds and Yeasts** Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)  
**Coliforms** Negative (Analysis for Hygienic Chemists)

**Composition**

<u>Ingredient</u>	<u>Content</u>
Maltodextrin	75 %
Strawberry Seed Extract	25 %
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	June 2, 2008
Revised Date	January 6, 2018
Specification No.	U-806EN