



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

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### PRODUCT STANDARD

PRODUCT NAME : **PURPLE RICE EXTRACT-P** (FOOD)

This product is extracted from purple rice, the seeds of *Oryza sativa* Linne (*Gramineae*) with aqueous ethanol. It contains a minimum of 15.0 % polyphenols and a minimum of 5.0 % anthocyanins. This powder is water-soluble.

|   |   |  |
|---|---|--|
| <b><u>Appearance</u></b>                                  | Purplish-black color powder with slight unique aroma. |  |
| <b><u>Polyphenols</u></b>                                 | Min. 15.0 %   | (Folin-Denis method)   |
| <b><u>Anthocyanins</u></b>                                | Min. 5.0 %  | (Absorbance method)  |
| <b><u>Loss on Drying</u></b>                              | Max. 8.0 %  | (Analysis for Hygienic Chemists,<br>1g, 105 °C, 2 hr)                                      |
| <b><u>Purity Test</u></b>                                 |   |  |
| <b><u>(1)Heavy Metals (as Pb)</u></b>                     | Max. 20 ppm   | (Sodium Sulfide Colorimetric Method)   |
| <b><u>(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)</u></b> | Max. 2 ppm  | (Standard Methods of Analysis in Food Safety<br>Regulation, The Third Method, Apparatus B) |
| <b><u>Standard Plate Counts</u></b>                       | Max. 1×10 <sup>3</sup> cfu/g                          | (Analysis for Hygienic Chemists)   |
| <b><u>Moulds and Yeasts</u></b>                           | Max. 1×10 <sup>3</sup> cfu/g                          | (Analysis for Hygienic Chemists)   |
| <b><u>Coliforms</u></b>                                   | Negative  | (Analysis for Hygienic Chemists)   |

|                           |                          |   |
|---------------------------|--------------------------|---|
| <b><u>Composition</u></b> | <b><u>Ingredient</u></b> | <b><u>Content</u></b> (Values are just a guide) |
|                           | Purple Rice Extract      | 50 %  |
|                           | Maltodextrin             | 50 %  |
|                           | 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  | October 17, 2002 |
| Revised Date      | November 8, 2023 |
| Specification No. | Y-308EN          |