



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

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## PRODUCT STANDARD

PRODUCT NAME : **RED RICE EXTRACT-WSP** (FOOD)

This water-soluble product is extracted from red rice of *Oryza sativa* L. with aqueous ethanol.  
It guarantees minimum of 1 % polyphenols.

<b><u>Appearance</u></b>	Pale brown to reddish brown powder with slight unique aroma
<b><u>Polyphenols</u></b>	Min. 1 % (Folin-Denis method)
<b><u>Proanthocyanins</u></b>	Red spot is detected (TLC)
<b><u>Loss on Drying</u></b>	Max. 10.0 % (Analysis for Hygienic Chemists, 1g, 105 °C, 2 hr)
<b><u>Purity Test</u></b>	
<b><u>(1)Heavy Metals (as Pb)</u></b>	Max. 30 ppm (Sodium Sulfide Colorimetric Method)
<b><u>(2)Arsenic (as As<sub>2</sub>O<sub>3</sub>)</u></b>	Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<b><u>Standard Plate Counts</u></b>	Max. 3×10 <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>
	Maltodextrin	95 %
	Red Rice Extract	5 %
	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	November 19, 2007
Revised Date	December 1, 2016
Specification No.	K-601TO