



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **RESVERATROL-WSP0.5** (FOOD)

This product is extracted from grape (*Vitis vinifera*) leaves, seeds and fruit-skin with aqueous ethanol. It guarantees minimum of 2.5 % polyphenols and of 0.5 % trans-resveratrol. This product is water-soluble.

<u>Appearance</u>	Pale purple to pale purple brown powder with slight unique smell.	
<u>Polyphenols</u>	Min. 2.5 %	(Folin-Denis Method)
<u>trans-Resveratrol</u>	Min. 0.5 %	(HPLC)
<u>Loss on Drying</u>	Max. 10.0 %	(Analysis for Hygienic Chemists, 1g, 105 °C、 2 hr)
<u>Purity Test</u>		
(1)Heavy Metals (as Pb)	Max. 10 ppm	(Sodium Sulfide Colorimetric Method)
(2)Arsenic (as As ₂ O ₃)	Max. 1 ppm	(Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 1×10 ³ cfu/g	(Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1×10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative	(Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	Cyclodextrin	90 %
	Grape Extract	10 %
	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	September 4, 2007
Revised Date	June 7, 2018
Specification No.	G-807EN