



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

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### PRODUCT STANDARD

PRODUCT NAME : **KIKU FLOWER EXTRACT-WSP** (FOOD)

This product is extracted with aqueous ethanol from the bud and/or flower of *Chrysanthemum morifolium* (*Compositae*). It contains not less than 0.1 % of luteolin. This product is water soluble.

<b><u>Appearance</u></b>	Light pale yellow to light yellowish powder with unique aroma								
<b><u>Luteolin</u></b>	Min. 0.1 % (HPLC)								
<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. 10 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. 1×10 <sup>3</sup> cfu/g (Analysis for Hygienic Chemists)								
<b><u>Moulds and Yeasts</u></b>	Max. 1×10 <sup>2</sup> cfu/g (Analysis for Hygienic Chemists)								
<b><u>Coliforms</u></b>	Negative (Analysis for Hygienic Chemists)								
<b><u>Composition</u></b>	<table><thead><tr><th><u>Ingredient</u></th><th><u>Content</u></th></tr></thead><tbody><tr><td>Kiku Flower Extract</td><td>5 %</td></tr><tr><td>Cyclodextrin</td><td>95 %</td></tr><tr><td>Total</td><td>100 %</td></tr></tbody></table>	<u>Ingredient</u>	<u>Content</u>	Kiku Flower Extract	5 %	Cyclodextrin	95 %	Total	100 %
<u>Ingredient</u>	<u>Content</u>								
Kiku Flower Extract	5 %								
Cyclodextrin	95 %								
Total	100 %								
<b><u>Expiry date</u></b>	2 years from date of manufacturing.								
<b><u>Storage</u></b>	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 7, 2014
Revised Date	August 9, 2016
Specification No.	Q-609EN