



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

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### PRODUCT STANDARD

PRODUCT NAME : **BUCKWHEAT LEAF EXTRACT-WSP** (FOOD)

This product is extracted from buckwheat leaves, the leaves of *Fagopyrum esculentum* Moench. or *Fagopyrum tataricum* L. (Polygonaceae) with aqueous ethanol. It guarantees minimum of 0.1 % rutin.

<b><u>Appearance</u></b>	Light brownish powder with light unique smell								
<b><u>Rutin</u></b>	Min. 0.1 % (HPLC)								
<b><u>Loss on Drying</u></b>	Max. 8.0 % (Analysis for HygienicChemists, 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>Buckwheat Leaf Extract</td><td>50 %</td></tr><tr><td>Maltodextrin</td><td>50 %</td></tr><tr><td>Total</td><td>100 %</td></tr></tbody></table>	<u>Ingredient</u>	<u>Content</u>	Buckwheat Leaf Extract	50 %	Maltodextrin	50 %	Total	100 %
<u>Ingredient</u>	<u>Content</u>								
Buckwheat Leaf Extract	50 %								
Maltodextrin	50 %								
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	January 21, 2005
Revised Date	February 19, 2018
Specification No.	M-819EN