



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

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN

TEL:+81-586-86-5141 FAX:+81-586-86-6191

URL: <https://www.oryza.co.jp/> E-mail: [info@oryza.co.jp](mailto:info@oryza.co.jp)

### PRODUCT STANDARD

PRODUCT NAME : WALNUT SEED OIL (FOOD)

This product is oil extracted from walnut, the seeds of *Juglans regia* Linne and subsequently refined.

<u>Appearance</u>	Clear oil of light yellowish color with slightly unique smell.	
<u><math>\alpha</math>-linoleic acid</u>	Min. 10 %	
<u>Acid Value</u>	Max. 0.5	
<u>Iodine Value</u>	140 to 183	
<u>Saponification Value</u>	188 to 196	
<u>Color</u>	Max. 5.0 - 50	(Lovibond 5 1/4 inch cell)
<u>Purity Test</u>		
(1)Heavy Metals (as Pb)	Max. 10 ppm	(Sodium Sulfide Colorimetric Method)
(2)Arsenic (as As <sub>2</sub> O <sub>3</sub> )	Max. 1 ppm	(Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 1×10 <sup>2</sup> cfu/g	(Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Negative	(Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative	(Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u>
	Walnut Seed Oil	100 %

<u>Expiry date</u>	2 years from date of manufacturing.
<u>Storage</u>	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.

Ref : Japan Oil Chemists Society.

Established Date	October 31, 2006
Revised Date	October 12, 2023
Specification No.	Z-312EN