



**PRODUCT SPECIFICATIONS
WALNUT - INSHELL**

Olam International Ltd

Food Safety Compliance Notice

This product is unpasteurized and requires a microbiological kill step during further processing prior to direct human consumption. OFI releases this product under a test and release program following internal sampling & testing plan including testing for *Salmonella* and *L. monocytogenes* (absence in 25g for both). The microbiological test results of the test and release program are provided for information and provide no warranty or guaranty nor do they substitute for any validated kill step.

GENERAL INFORMATION	
Description	Inshell walnuts which have been clean,
Ingredient	100% inshell walnut
Origin	US/CHILE
Varieties	Chandler
Specs control no.	050-27-00-302-01
Issued date	9/8/2022

SPECIFICATIONS				
Organoleptic properties	Appearance	Typical of product		in-house method
	Flavor	Good typical taste, flavor. No off taste, off		
	Taste	flavor		
	Texture	Crunchy		
Physical properties	Parameter	Limits	UOM	In-house method
	Size			
	> 32 mm	Min 70	%	
	30 - 32 mm	Max 30	%	
	<30 mm (included in 30%)	Max 12	%	
	External defected			
	Open shell	10	%	
	Slight Stain	9	%	
	Imperfect shell	8	%	
	Cracked walnut		%	
	Broken walnut		%	
	Split walnut		%	
	Serious Stans	7	%	
	Adhering Hull	5	%	
	Total External defected	10	%	
	Internal Defected			
	Slight shriveling:	15	%	
	Inactive fungus:	8	%	
	Serious shriveling	8		
	Empty nuts			
	Insect damage	5	%	
	Rancidity	2	%	
Active fungus; indication of decay	2	%		
Total internal defected	15	%		
Color				
Extra light and light %*	≥ 50	%		
Yellow %*	≤ 10	%		
Amber %*	≤ 10	%		

Chemical properties	Moisture	max 5	%(w/w)	IR/Halogen Moisture
	FFA (as oleic acid)	max 1.25	%(w/w)	ISO 660: 2009
	Peroxide value	max 2.8	meq/kg oil	ISO 3960: 2007
Microbiological	Salmonella	negative	cfu/25g	ISO 6579-1: 2017

Food safety	Aflatoxin	Comply as per destination legislations
	Pesticide residue	
	Heavy metal	

NUTRITIONAL INFORMATION (Value per 100g)			
		UOM	% Daily value**
Calories	670.0	Kcal	34
Total fat	65.0	g	83
<i>Saturated fat</i>	6.1	g	31
<i>Trans fat</i>	0.0	g	-
Cholesterol	0.0	mg	0
Sodium	2.0	mg	0
Total carbohydrate	14.0	g	5
<i>Dietary fiber</i>	6.7	g	24
<i>Total sugars</i>	2.6	g	-
<i>Added sugars</i>	0.0	g	0
Protein	15.0	g	30
Vitamin D	0.0	mcg	0
Calcium	98.0	mg	8
Iron	2.9	mg	15
Potassium	441.0	mg	10

*These values are for reference only, due to the nature of agriculture products, they cannot be guaranteed to always match each lot

* % Daily value are based on 2,000 calorie diet as per FDA standard.

CERTIFICATIONS		
The below certificates will be available upon request, please contact Olam representative for more detail.		
1. BRC	3. FSMA	5. Kosher
2. Other GFSI	4. Halal	

DECLARATIONS		
The below declarations will be available upon request, please contact Olam representative for more detail.		
1. Allergen	3. GMO free	5. Artificial flavor free
2. Irradiation	4. MSG free	6. Artificial color free

PACKING STORAGE, SHELF LIFE, LABELLING & TRANSPORT	
Shelf life	12 Months from the date of packing.
Storage conditions	Cool, dry, avoid direct sunlight, clean place (≤ 10 Deg C) and R.H 60-70%
Shipping conditions	Cool, dry, avoid direct sunlight, clean place (≤ 10 Deg C) and R.H 60-70%
Packing unit	Bulk bag
Primary packaging	Bulk bag 400kgs
Labelling	As per customer's request.
Intended use	Raw material, not for direct consumption
Net weight	1x400kgs or as customer request