



**PRODUCT SPECIFICATIONS
PASTEURIZED WALNUTS
COMBO HALVES AND PIECES**

Olam International Ltd

GENERAL INFORMATION

Description	Made from pasteurized kernel walnuts which have been cracked and graded
Ingredient	100% kernel walnuts
Origin	US
Specs control no.	051-23-31-000-22
Issued date	06.January.2022

SPECIFICATIONS

Organoleptic properties	Appearance	Typical of product	In-house method
	Flavor	Good typical taste, flavor. No off taste, off flavor	
	Taste		
	Texture		

	Parameter	Limits	UOM	Test method
Physical properties	Size			In-house method
	Halve	min 20	%	
	Quarter	max 80	%	
	Pieces (included in Quarter)	max 18	%	
	Color			
	Light Amber (LA)	min 85	%	
	Amber	max 15	%	
	Defects			
	Damage (D) (Mold/ Discolored/ Shriveled)	max 8	%	
	Serious Damage (SD) (Mold/ Discolored/ Shriveled) (included in D)	max 4	%	
	Very Serious Damage (VSD) (Mold/ Discolored/ Shriveled/ Insect injury/ Rancidity/ Decay) (included in SD)	max 2	%	
	Total defects	max 8	%	
	Impurities (shell, septum)	max 1	unit/10kg	
Foreign material	None	unit/10kg		
Moisture	max 5	%(w/w)	IR/Halogen Moisture	
Chemical properties	FFA (as oleic acid)	max 1.25	%(w/w)	ISO 660: 2020
	Peroxide value	max 2.8	meq/kg oil	ISO 3960: 2017
Microbiological properties	TPC	max 5.0 x 10 ³	cfu/g	TCVN 9977:2013
	Coliforms	max 10	cfu/g	TCVN 9975:2013
	E. coli	<10	cfu/g	
	Yeast & Mold	max 1.0 x 10 ³	cfu/g	TCVN 7852:2008
	<i>Salmonella</i>	absent	cfu/ 25g	ISO 6579-1: 2017
	<i>Listeria monocytogenes</i>	absent	cfu/ 25g	ISO 11290-1: 2017
Food safety	Aflatoxin	If contractually agreed, testing will comply with imported country regulations		
	Pesticide residue	Complies with all federal and state regulations		
	Heavy metal	If contractually agreed, testing will comply with imported country regulations		

NUTRITIONAL INFORMATION (Value per 100g)			
		UOM	% Daily value**
Calories	680.0	Kcal	34
Total fat	65.0	g	83
<i>Saturated fat</i>	6.0	g	30
<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>	6.0	g	21
<i>Total sugars</i>	3.0	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	3.0	mg	15
Potassium	440.0	mg	10

* % 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.

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|----------------|-------------|---------------------------|
| 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 (\leq 10 Deg C) and R.H 60-70%
Shipping conditions	Cool, dry, avoid direct sunlight, clean place (\leq 10 Deg C) and R.H 60-70%
Packing unit	Laminated bag in carton box.
Primary packaging	PE bags (withMAP pack with nitrogen flushed)
Secondary packaging	Cartons 395x295x245, 488x325x186, 488x325x193 (mm) & as per customer's request
Labelling	As per customer's request.
Intended use	Ready to eat
Net weight	2x5kgs, 1x20lbs, 1x25lbs, 1x10kgs or as customer's request