



**PRODUCT SPECIFICATIONS
RAW PISTACHIOS US EXTRA NO.1
HALVES & PIECES KERNELS**

Olam International Ltd

Food Safety Modernization Act (FSMA) – Compliance Notice

In accordance with the Food Safety Modernization Act (FSMA) preventive controls for Human Food Rules (21 CFR 117.136), Olam hereby notifies you that the product you are receiving is a raw product from agricultural sources and it is reasonable to assume that it may contain microorganisms of public health significance and it is not subjected to validated interventions to eliminate the hazard. As required by the regulation, the product must be subjected to validated preventive controls to eliminate the identified hazard before introducing for consumption

GENERAL INFORMATION	
Description	Raw Pistachios US Extra No.1 Halves 60% & Pieces 40% Kernels
Ingredient	100% Pistachio Kernels
Origin	USA
Varieties	
Specs control no.	PT-NAT-OLAMSGWL-0184
Issued date	Aug 27 th , 2020
Updated date	Jan 2 nd , 2023

SPECIFICATIONS				
Organoleptic properties	Appearance	Halves & pieces kernels, yellow and greenish in color, some husk pieces		In-house method
	Flavor	Typical of pistachio kernels. No off		
	Taste	taste, off flavor		
	Texture	Crunchy		
Physical properties	Parameter	Limits	UOM	In-house method
	Moisture	Max 6.0	%	
	Edible Pieces	Max 40.0	%	
	Edible Halves	Min 60.0	%	
	Kernel Damage	Max 2.5	%	
	Serious Damage	Max 2.0	%	
	Insect Damage	Max 0.4	%	
Inshell/shell piece + Foreign matter	1 part in 150lbs			
Chemical properties	FFA <i>(in the fat, expressed as oleic acid)</i>	Max 1.5	%	3rd party lab (ISO 17025 accredited method)
	Peroxide Value	Max 5.0	meq/kg	
Microbiological properties*	TPC	Max 5.0 x 10 ⁴	cfu/g	3rd party lab (ISO 17025 accredited method)
	Yeast & Mold	Max 1.0 x 10 ³	cfu/g	
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		

* 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.

NUTRITIONAL INFORMATION (Value per 100g)**			
		UOM	% Daily value***
Calories	560.0	Kcal	28
Total fat	45.3	g	58
<i>Saturated fat</i>	5.9	g	30
<i>Trans fat</i>	0.0	g	-
Cholesterol	0.0	mg	0
Sodium	1.0	mg	0
Total carbohydrate	27.2	g	10
<i>Dietary fiber</i>	10.6	g	38
<i>Total sugars</i>	7.7	g	-
<i>Added sugars</i>	0.0	g	0
Protein	20.2	g	40
Vitamin D	0.0	mcg	0
Calcium	105.0	mg	8
Iron	3.9	mg	22
Potassium	1025.0	mg	22

** 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.S		
1. BRC	3. FSMA	5. Halal
2. Other GFSI	4. Kosher	

DECLARATIONS		
The below declarations will be available upon request, please contact Olam representative for more detail.		
1. Allergen	4. MSG free	
2. Irradiation	5. Artificial color free	
3. GMO free	6. Artificial flavor 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 and ambient condition
Shipping conditions	As per customer's request
Packing unit	Carton with liner and vacuum with nitrogen flushed Bulk bag with/without liner and vacuum with/without nitrogen flushed
Primary packaging	Food grade vacuum bag and nitrogen flushed or bulk bag with/without liner and vacuum with/without nitrogen flushed
Secondary packaging	Carton: 22.05lbs 165H x 401L x 295W(mm)/ 25lbs 186H x 401L x 295W(mm)/ 30lbs 225H x 401L x 295W(mm) or as per customer's requirement Bulk bag: 95 x 95 x 215(cm)
Labelling	As per customer's request
Intended use	Raw
Net weight	Cartons: 22.05lbs/ 25lbs/ 30lbs or as per customer's requirement Bulk bag: 2000/2200lbs