



**TIÊU CHUẨN KỸ THUẬT**  
**PRODUCT SPECIFICATIONS**  
**PASTEURIZED PISTACHIOS US**  
**EXTRA NO.1 WHOLES 80%**  
**SUPREME**

**Olam International Ltd**  
 7 Straits View, Marina One East  
 Tower #20-01, Singapore

**GENERAL INFORMATION**

Description	Pasteurized Pistachios US Extra No.1 Wholes 80% Supreme
Composition	100% Pistachio Kernel
Origin	USA
Varieties	
Manufacturing site	Olam Pistachio Viet Nam
Specs control no.	PT-PST-OLAMSGWL-0081
Issued date	Feb 18 <sup>th</sup> , 2021

**QUALITY PARAMETERS**

<b>Sensory</b>	Flavor	Good typical taste, flavor. No off taste, off flavor		In-house method
	Taste			
	Texture	Crunchy		
	Appearance	Wholes kernels green and yellow, some husk pieces		
<b>Physical</b>	<b>Parameter</b>	<b>Specification</b>	<b>UOM</b>	<b>Test method</b>
	Moisture	5.0	% Max	In-house method
	Edible Halves	20.0	% Max	
	Edible Wholes	80.0	% Min	
	Kernel Damage	2.5	% Max	
	Serious Damage	2.0	% Max	
	Insect Damage	0.4	% Max	
Inshell/shell pieces + Foreign Matter	1 part per 150lbs			
<b>Chemical</b>	FFA ( <i>in the fat, expressed as oleic acid</i> )	1.5	%Max	ISO 660: 2009
	Peroxide Value	5.0	meq/kg	ISO 3960: 2017
<b>Microbial</b>	TPC	$5.0 \times 10^3$	cfu/gMax	ISO 4833-1:2013
	Coliforms	$1.0 \times 10^1$	cfu/gMax	ISO 4832:2006
	E. coli	Absent	cfu/gMax	ISO 7251:2005
	Yeast & Mold	$1.0 \times 10^2$	cfu/gMax	ISO 21527-2:2008
	Enterobacteriaceae	$1.0 \times 10^1$	cfu/gMax	ISO 21528-2:2017
	Staphylococcus aureus	$1.0 \times 10^1$	cfu/gMax	AOAC 2016 (975.55)
	Salmonella spp.	Absent	cfu/750g Max	ISO 6579-1:2017
	Listeria monocytogenes	$1.0 \times 10^1$	cfu/gMax	ISO 11290-1:2017
<b>Food safety</b>	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		



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**NUTRITIONAL INFORMATION (Value per 100g)**

Calories	560 kcal/ 2345 kJ	% Daily Value	As per USDA standard reference database for nutrients
<b>Total fat</b>	45.32g	58%	
Saturated fat	5.91g	30%	
Trans fat	0g	0%	
<b>Cholesterol</b>	0mg	0%	
<b>Sodium</b>	1mg	0%	
<b>Total carbohydrate</b>	27.17g	10%	
Dietary fiber	10.6g	39%	
Total sugars	7.66g		
Added sugars	0g	0%	
<b>Protein</b>	20.16g	40%	
<b>Vitamin D</b>	0IU	0%	
<b>Calcium</b>	105mg	8%	
<b>Iron</b>	3.92mg	22%	
<b>Potassium</b>	1025mg	22%	

**CERTIFICATIONS**

BRC	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
FSMA	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
GFSI	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Kosher	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Halal	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Organic	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

**DECLARATIONS**

Allergen	Yes	Tree nuts	<input type="checkbox"/>	<input type="checkbox"/>
GMO	Yes		No	<input checked="" type="checkbox"/>
Irradiation	Yes		No	<input checked="" type="checkbox"/>
Ionization	Yes		No	<input checked="" type="checkbox"/>
Free from MSG	Yes	<input checked="" type="checkbox"/>		
Free from artificial coloring	Yes	<input checked="" type="checkbox"/>		
Free from artificial flavoring	Yes	<input checked="" type="checkbox"/>		

**PACKING STORAGE, SHELF LIFE, LABELLING & TRANSPORT**

Shelf life	12 Months from the date of Packing		
Storage conditions	Cool dry clean place ( < 25 Deg C )		
Packing unit	Carton with liner or bulk bag with liner		
Labelling	As per customer request		
Net weight	For bulk bags : 2000/2200lbs; for cartons : as per customer's requirement		