



# Product Specification

Pecan Services SAS - Pecanes del Sur SAS

Category: Premium Pecans – Nut In Shell

## 1. General Information

<b>Product Name:</b>	<b>Pecan Nut In Shell</b>	
<b>Size Chart:</b>	<b>Description</b>	<b>Size (count per Kg)</b>
	Jumbo	< 100 units / kg
	Oversize	100 – 120 / kg
	Extra-large	121 – 140 / kg
	Large	141 – 170 / kg
Medium	171 - 210 / kg	
<b>Product Description:</b>	Pecan Nut In Shell (Raw) of pure and/or mixed varieties that has been dried to a moisture content of not more than 5% kernel moisture. Please note that freight and storage conditions ex-factory can affect tested moisture content.	
<b>Intended Use:</b>	Food grade. Product is intended for further processing.	
<b>Net Weight:</b>	20kg per bag	
<b>Allergens:</b>	Contains: Tree Nuts	
<b>Country of Origin:</b>	Produced and packed in Argentina	
<b>GM Status:</b>	No Genetically Modified product is used.	
<b>Labelling:</b>	Batch number, grower name, size and net weight	
<b>Shelf Life:</b>	Max 15 months from date of manufacture under recommended storage conditions.	
<b>Storage:</b>	Finished product must be stored in a cool, dry place out of direct sunlight, which is free from infestation. Refrigeration at a temperature of 0°C to 10°C, is preferred.	
<b>Packaging:</b>	Product shall be packed in 20 Kg poly bag.	
<b>Distribution:</b>	Distribution of this product is not temperature sensitive. Transport will be by way of general freight vehicles or containers.	



**PECANES DEL SUR**  
GESTION INTEGRADA

**2. Nutrition Facts:**

<b>Nutrient</b>	<b>Per 100 grs of shelled pecan nuts</b>
Energy (kcal)	716
Energy (kJ)	2996
Available Carbohydrates (g)	9.15
Protein (g)	10.36
Total Fat (g)	70.85
Saturated Fat (g)	5.8
Trans Fat (g)	< 0.10
Dietary Fiber (g)	4.1
Sodium (mg)	3.54
Cholesterol (mg)	< 0.10

**3. Vitamins:**

<b>Vitamin</b>	<b>Result</b>	<b>Unit</b>
Vitamin B1	1.13	mg/100g
Vitamin B2	0.33	mg/100g
Vitamin B3	1.27	mg/100g
Vitamin B5	1.15	mg/100g
Vitamin B6	0.53	mg/100g
Vitamin B9	<LC=30	µg/100g
Vitamin B12	n/d	
Vitamin E	2.1	mg/100g

**4. Microbiological Results:**

<b>Test Performed</b>	<b>Result</b>	<b>Unit</b>
Total Coliform Count	< 30	NMP/g
Escherichia Coli	None	in 1g
Thermo tolerant Bacteria	No development seen	NMP/g
Yeast and Mold Count	< 200	UFC/g
Salmonella sp.	None	in 25 g
Staphylococcus aureus	None	UFC/g



## 5. Physicochemical Qualities

Test Performed	Per 100 grs of shelled pecan nuts
Moisture	4,5 Max
Ash	0.81
Acid Value	0.3 g ac.lactic
Peroxide Index	< 5 mEq/kg

## 6. Pesticide Residue

Result	Limit of Detection (mg / kg)	Method
Not Detected	0.05	

## 7. Aflatoxin Residue

Aflatoxin	Result
Aflatoxins: B1; B2	Not Detected
Aflatoxins: G1; G2	Not Detected
Total Aflatoxins	Not Detected

## 8. Heavy Metals

Test Performed	Result	Unit
Lead	<LC=50	ug/kg

## 9. Organoleptic Specifications

Test Performed	Criteria
Appearance / Size	As per definitions of kernel size
Colour	Amber Golden
Aroma	Characteristic - Fresh and nutty with no objectionable aromas
Flavour	Pleasantly sweet, slightly tart.
Texture	Subtle texture