



# TECHNICAL SHEET

PRODUCT: WALNUT

COMMERCIAL NAME: *INSHELL WALNUTS*

**Head Office Plant**  
Fundo La Granja S/n – Mulchén

**Commercial Offices**  
España 460 Of. 504 • Temuco, Chile.

## Product Description

Inshell dried fruit from varieties that belong to Juglans Regia L. free from outer hull, washed/dried (\*), brushed and sized (\*).

(\*) optional

## Structure

Varieties : Chandler, Serr, Hartley, Howard, Vina, Semilla and other varieties.  
Appearance : Wrinkly Walnut Shell that encloses kernel.  
Taste : Typical of the fruit.  
Color : Light Brown.  
Sizes : From -28 to 36+ and unsizing.

### Physical Parameters

Internal Defects	%	External Defects	%
Shrivelled	≤10%	1.- Open Shell	≤10%
Mold	≤6%	2.- Stains	≤8%
Insect Damage	≤5%	3.- Imperfect Shell	≤7%
Serious Shrivelled	≤3%	4.- Serious Stains	≤5%
Rancidity	≤2%	5.- Added Hulls	≤3%
Alive Mold	≤1%		
<b>Total Internal Defects</b>	<b>≤10%</b>	<b>Total External Defects</b>	<b>≤10%</b>

### Nutricional Information

	100 g
<b>Total Calories (kcal)</b>	654
<b>Protein (g)</b>	15,2
<b>Total Fat (g)</b>	65,2
Saturated Fat (g)	6,1
Trans fat (g)	0
Monounsaturated fat (g)	8,9
Polyunsaturated fat (g)	47,2
Cholesterol (mg)	0
Carbohydrate (g)	13,7
Sodium (mg)	2

### Chemical Parameters

Moisture content	: 8% max
Peroxide Values	: < 1.5 % meq/Kg.

### Microbiological Parameters

Molds and Yeast	: < 1000 UFC/g
E.coli	: < 500 UFC/g
Salmonella	: negativo en 50 g
Total Aflatoxins	: max.4ppb
Aflatoxin B1	: max.2ppb

### Packaging Properties

**Package type** : Polipropilene sacks .  
**Net Weight** : 25 Kg., 10 Kg.  
**Shelf Life** : For 12 month: Store under fresh, clean and dry conditions.  
For 24 month: Store under refrigeration conditions

Reference "USDA National Nutrient Database for Standard Reference" Release 23 (2010)

### Comments

- 20'' (10,000 Kg. app) y 40'' (20,000 Kg. app.) containers.
- Crop period : March - May
- Processing Period : All year

### Storage and Manipulation

This product should be stored in a clean, fresh and dry area, away from strong odors and contaminating products.