



# WALNUTS LARGE PIECES BULK

## Technical Sheet

### PRODUCT DESCRIPTIONS

- **Product:** Walnut
- **Commercial Name:** Large Pieces.
- **Country of origin:** Chile.
- **Process description:** Harvest, clean, dry, machine cracked, mechanic manual sorting and packed.
- **Ingredients:** 100% walnuts.
- **Intended use:** Ready to eat.

Dried fruit varieties grown from *Juglans regia*, whose outer shell and septum has been removed.

**Large Pieces:** Kernel piece held by a sieve of 13mm and that is smaller than a half of a kernel.

### SPECIFICATIONS

- **Varieties:** Chandler or Serr.
- **Cracking type:** Mechanical.
- **Sorting type:** Manual-mechanical.
- **Texture:** Firm, crispy.
- **Flavor and aroma:** Good typically nut flavor, free from rancid or foreign flavors.
- **Color:** Extra Light; Extra Light-Light; Light; Light-Amber; Amber.

### PHYSICAL PARAMETER

<b>Minimum of Large Pieces</b>	75% (w/w)
<b>Color</b> - Extra Light - Extra Light-Light - Light - Light-Amber - Amber	Accepts up 15% (w/w) of Extra Light-Light color Accepts up 15% (w/w) of Light color Accepts up 15% (w/w) of Light Amber color Accepts up 15% (w/w) of Amber color
<b>Out of Size</b>	25% (w/w)
<b>Kernel Defects</b>	6% (w/w) as a top. (Stain, shriveling, mold, insect injury)

### CLEANNES

<b>Product related impurities (%)</b> - Shell - Septum	1 un/10 kg 5 un/10 kg
<b>Foreign matter</b>	≤0% (w/w)
<b>Other</b> - Stalks - Stones - Soil Particles - Dirt - Alive infestations	<b>Not Present</b>

(1) Tolerance is for shell or septum

### CHEMICAL PARAMETERS

- **Moisture content:** 5% máx.
- **Preservatives:** N/A
- **Aflatoxines (B1; B2; G1; G2):** ≤4 ppb (µg/kg)
- **Heavy metals:** According to EU legislation.

### MICROBIOLOGICAL PARAMETERS

- **Total coliforms:** < 10 cfu/g
- **E. coli :** < 10 cfu/g
- **Salmonella spp.:** Absent
- **Listeria monocytogenes:** Absent

### NUTRITIONAL INFORMATION

Nutrients	Values/100 g
Total calories (Kcal)	729,8
Protein (g)	13,18
Total fat (g)	65,20
Saturated fat (g)	8,9
Monounsaturated fat (g)	18,2
Polyunsaturated fat (g)	72,9
Carbohydrate (g)	13,35
Sodium (mg)	1,5

Source: Chilenut



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### PACKAGING PROPERTIES:

- **Direct contact packaging with product:** Polyethylene bags, measures 60x40 (cm), 35g weight each.
- **Indirect contact material:** Corrugate carton box, measures 32x20x47 (cm), 645g weight.

Each packaging unit is a clean, new, printed corrugated carton box, which contain two polyethylene bags with 5kg each one, packaged in modified atmosphere of 80% N<sub>2</sub> and 20% CO<sub>2</sub>.

### LABELING

The label used only have an internal company code mark (barcode) which will ensures traceability from the raw material to final product, if required or audited. However, it is possible attach other label according to buyer convenience, but not replace the original labeling. The content of these labels must be decided by the buyer.

### GENERAL INFORMATION

- **Containers shipment:** 20 feet (10.000 kg approx.) and 40 feet (20.000 kg approx.)
- **Crop period:** March – May
- **Processing period:** April - November

### STORAGE RECOMMENDATIONS

- **Temp:** 10 – 15 °C
- **R.H.:** < 70%

This product must be stored in a clean, fresh and dry area, free from strong odors and contaminating products. Product shelf life in their original packaging and recommended storage: one year.

### PRODUCT IS:

- GMO free
- Suitable for Vegetarians
- Suitable for Vegans

### ALLERGEN INFORMATION

Product is 100% walnut, then, nuts allergen is present. Production line only process walnuts, there is not risk of cross contamination.

### CERTIFICATIONS

- GLOBALG.A.P. (EUREPGAP), orchard management.
- HACCP, walnut packaging and cracking process plant.

GLOBALG.A.P. CERTIFICATE

According to GLOBALG.A.P. General Regulations Integrated Farm Assurance Version: 4.0-2\_Mar2013

Option 1

Issued to: **Inmobiliaria San Bernardo S.A.**

Camino de Nica a los Morros 66 San Bernardo, Santiago, Región Metropolitana, Chile

Primus Labs declares that the production of the products mentioned on this certificate has been found to be in compliance in accordance with the standard: **GLOBALG.A.P. Control Points and Compliance Criteria Integrated Farm Assurance Version: 4.0-2\_Mar2013 - Interpretation Guideline Chile**

Product Name	GLOBALG.A.P. Certificate No.	Product Name	Product Name	Product Name	Product Name	Product Name	Product Name	Product Name	Product Name
Walnut	00039-NOP-HK-0002	YES	NO	NO	NO	NO	NO	NO	NO

Date of Issuing: May 19, 2015

Valid from: May 30, 2015

Valid to: May 29, 2016

Authorized by: **ROBERT F. STONCE**

President, Primus Labs

Date of Certification Decision: May 11, 2015

The actual status of this certificate is always displayed at: <https://database.globalgap.org>

Please see attached detailed list of farms certified for the above mentioned company

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Audit Certificate

INMOBILIARIA SAN BERNARDO S.A.

GEONUTS

This certifies that:

has undergone a detailed audit? **PROCESSING w/HACCP**

and, at that time, the results obtained: **91 %**

date & location: **SANTIAGO, CHILE, CHILE**

**MAY 27, 2015**

\* Please refer to the audit report to read scope, scoring and commentary details.

Audit # 282261