



# ORGANIC WALNUTS HALVES AND PIECES DETAIL

## Technical Sheet

### PRODUCT DESCRIPTIONS

- **Product:** Organic Walnut
- **Commercial Name:** Detail Walnuts.
- **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.

**Halves:** Half kernel. Including the ones that have up to 12.5% (1/8) of the kernel missing, as long as the kernel keeps its characteristic form.

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

**Medium Pieces:** Kernel pieces which shall pass through a 13 mm diameter sieve and cannot pass through a 9 mm diameter sieve.

### 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>Halves</b>	≥90% (w/w)	≥80% (w/w)	≥60% (w/w)
<b>Pieces (¹)</b>	<10% (w/w)	<20% (w/w)	<40% (w/w)
<b>Lower maximum color</b>	12% (w/w)		
<b>Kernel defects</b>	The present of kernel defects are not accepted.		
<b>Cleanness</b>	Any type of impurities, related or not with the product, are not accepted (Shell fragments, stalks, stones, soil particles or alive infestations e.g.)		

(¹) Large and Medium pieces

### 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.cl

### PACKAGING PROPERTIES

- **Direct contact packaging:** BOPA-PE Doypack, measures 13x17 (cm) 6 g weight.
- **Indirect contact material:** Corrugate carton box, measures 32x20x47 (cm), 645g weight.

Each packaging unit is a clean, new, printed corrugate carton box, which contain 55 bags sealed, with 100g each (5,5 kg net weight per box), in modified atmosphere of 80% N<sub>2</sub> and 20% CO<sub>2</sub>.



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### SECONDARY PACKAGING LABELING

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

### PRIMARY PACKAGING LABELING

The information at the doypack are related with nutritional information and traceability information. However it is possible to attach other label or print according to buyer convenience, but not replace the original labeling. The content of these labels or prints must be decided by the buyer.

### GENERAL INFORMATION

- **Containers shipment:** 20 feet (5.500kg approx.) and 40 feet (11.000kg 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

- Organic
- 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

- IMOSwiss AG, Europe. Certification of organic agricultural production, processing, marketing and export of organic products.
- NOP, US. Certification of organic crop production, handling (processing and marketing) of organic products.
- GLOBALG.A.P. (EUREPGAP), Good agricultural practices orchard management.
- HACCP, walnut packaging and cracking process plant.

Control Point	Compliance	Score	MO	NO	NC	NA
Field	02/25/2016-02/25/2016	100	MO	NO	NC	NA

**CERTIFICATE**  
No. 130241  
**INMOBILIARIA SAN BERNARDO S.A.**  
Camino de Nos a Los Morros 66, San Bernardo  
Santiago  
CHILE

The IMOSwiss AG (IMO) hereby certifies that the declared operator has submitted his activities for control, and meets the requirements of the IMO Organic Standard equivalent to (EC) No 853/2007 and Regulation (EC) No 853/2008.

**Main activities:** Organic Agricultural Production, Processing, Marketing and Export of Organic Products

**Product Groups and Quality:** The following products are equivalent to Regulations (EC) No 853/2007 and (EC) No 853/2008 according to the IMO Organic Equivalence Standard for Operators in Non-EU Countries:  
Fresh Walnuts  
Fresh Walnuts  
Walnuts in shell, Walnuts without shell

**Validity:** 22.04.2015 - 31.03.2016  
12.03.2015 - 12.03.2015

**Issue Date:** Wienfelden, 22.04.2015

IMOSwiss AG (IMO)  
Code number: CH-BIO-143  
\*CL-BIO-609

**Audit Certificate**

**INMOBILIARIA SAN BERNARDO S.A.**

This certifies that **GEONUTS** has undergone a detailed audit\* **PROCESSING w/ HACCP** and, at that time, the audit obtained **91 %** date & location **SANTIAGO, CHILE, CHILE MAY 27, 2015**

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

Auditor: 238251

**CERTIFICATE**  
No. 130241-MOP  
**INMOBILIARIA SAN BERNARDO S.A.**  
Camino de Nos a Los Morros 66, San Bernardo  
Santiago  
CHILE

The IMOSwiss AG (IMO) hereby certifies that the above mentioned operation has been inspected and certified according to the procedures as outlined in the USDA, AMS 7 CFR Part 205, National Organic Program, Final Rule, and that the activities and products listed hereafter were found to be in compliance with the production rules defined in said Regulation. It is the certificate holder who is responsible for permanent compliance with the applicable requirements.

**Certified Activity:** Organic Crop Production, Handling (Processing and Marketing) of Organic Products

**Quality & Product:** 100% Organic; see attached approved product list

**Validity:** This certificate needs to be updated annually. Once certified, a production or handling operation's organic certification continues in effect until a suspension, suspension or revocation.

**Date of 1st certification:** 22.07.2015  
**Date of Inspection(s):** 08.06.2015  
**Issue Date:** Wienfelden, 22.07.2015  
**Anniversary date:** 31.03.2016

IMOSwiss AG (IMO)