



TECHNICAL DATA SHEET EXTENDED SHELF LIFE LEMON PULP

Version: 0

Validity: January 2th 2014

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NAME**EXTENDED SHELF-LIFE LEMON PULP****PRODUCT DESCRIPTION**

Natural product, undiluted, not concentrated, not fermented, preservative-free, obtained from the disintegration and sieving of the edible fraction of the ripe, healthy and clean lemon fruit. Naturally fat-free and cholesterol-free, low content in sodium, contains 100% fruit pulp.

COMPOSITION

Lemon fruit, ascorbic acid

CONDITIONS UPON RECEIPT OF THE FRUIT

The vehicle (floors, ceilings, tarps, etc.) and the packages must be clean and in good condition, to guarantee the preservation of the desired characteristics of the fruit. Likewise, the personnel transporting the products must comply with the minimum food-handling requirements, such as cleanliness, refrain from using jewelry at the time of unloading, etc.

The raw material (fruits) arriving to the plant is selected by quality control to be received. Fruits are accepted at their optimum state of maturity, healthy, fresh looking and with a firm consistency, free of insect attacks and diseases impairing the internal quality of the fruit, free of any abnormal external humidity and of any strange odor and /or flavor. then fruits go through production for cleaning and disinfection. Non-compliance with any of the above-mentioned aspects can be cause of return of the raw material.

DESCRIPTION OF THE PRODUCTION PROCESS

At our plant, the pulps are processed in compliance with the Good Manufacturing Practices (GMP) and Hazard Analysis and Critical Control Point (HACCP), pasteurized, aseptically packaged and stored at room temperature. the thermal treatment guarantee the product's safety, keeping its organoleptic and nutritional characteristics. the whole operation is accomplished according to high quality standards and fulfilling current law.

ORGANOLEPTIC CHARACTERISTICS

Aroma: intense and characteristic of the ripe and healthy lemon.

Color: intense and homogeneous, characteristic of the lemon; can present a slight change of color due to the natural process of oxidation.

Flavor: characteristic and intense of the ripe and healthy lemon. Free of any strange flavor.

Appearance: uniform, free of foreign matters, admitting a separation of phases and the minimum presence of pieces, dark particles inherent to the lemon.

PHYSICOCHEMICAL CHARACTERISTICS

Soluble solids expressed as ° Brix: 6.00-9.40

pH: 2.20-2.50

Acidity expressed as % of citric acid: 4.50-6.00

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NUTRITION FACTS

Lemon/Limón

Nutrition Facts/Información Nutricional			
Serving size/Tamaño de la porción		25 g	
Servings Per Container/Porciones por envase		35 approx/aprox.	
Amount Per Serving/Cantidad por porción			
Calories/Calorías		10	
Calorías de Grasa		0	
		% Daily Value *%/Valor Diario*	
Total Fat/Grasa Total		0 g	0%
Saturated Fat/Grasa Saturada		0 g	0%
Trans Fat/Grasa Trans		0 g	0%
Cholesterol/Colesterol		0 mg	0%
Sodium/Sodio		0 mg	0%
Potassium/Potasio		35 mg	1%
Total Carbohydrate/Carbohidrato Total		3 g	1%
Dietary Fiber/Fibra dietaria		Less than/Menos de 1 g	2%
Sugars/Azúcares		Less than/Menos de 1 g	
Protein/Proteínas		Less than/Menos de 1 g	
Vitamin A/Vitamina A 0%		Vitamin C/ Vitamina C 44%	
Calcium/Calcio 0%		Iron/Hierro 2%	
*Las porcentajes de Valores Diarios están basados en una dieta de 2,000 calorías. Sus valores diarios pueden ser mayores o menores dependiendo de sus necesidades calóricas.			
*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:			
		Calorías/Calorías:	2.000 2.500
Total Fat/Grasa total		Less than/Menos de	65 g 80 g
Saturated Fat/Grasa saturada		Less than/Menos de	20 g 25 g
Cholesterol/Colesterol		Less than/Menos de	300 mg 300 mg
Sodium/Sodio		Less than/Menos de	2,400 mg 2,400 mg
Total Carbohydrate/Carbohidrato total			300 g 375 g
Dietary Fiber/Fibra dietaria			25 g 30 g
Calorías por gram/Calorías por gramo:			
Fat/Grasa 9 Carbohydrate/Carbohidrato 4 Protein/Proteína 4			

MICROBIOLOGICAL CHARACTERISTICS

Commercial sterility test satisfactory - NTC 4433.

DECLARATION OF ALLERGENS

This pulp may contain sulphite traces, coming from the agricultural work to produce the fruit.

PACKAGING AND COMMERCIAL PRESENTATION

Barrier bags of 200g and 1000g

Plastic Preformed bags with filling valve (no dispenser lid) - from 10kg, 20kg y 200 kg

SHELF LIFE

On the polythene bag with high oxygen barrier, the shelf life is up to 6 months at room temperature.

For packing "Bag-in Box", the shelf life is up to 18 months at room temperature.

IDENTIFICATION: LOT – TRACEABILITY

The lot is identified with its expiration date as follows: day (numbers), month (letters), year (numbers). On the bags with no valve, such identification is made using an indelible inkjet printer label. On the bags with a valve, such identification is made using a sticker. The fruit used in the pulp must also be identified.

The lot is a code assigned by Alimentos SAS to guarantee its traceability.

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USE

This pulp can be used to prepare sauces, ice creams, desserts, etc., in accordance with the established formulations. To prepare juice, the recommendation is to use a *dilution of one part pulp with 6 or 7 parts of water plus sugar, to the taste of the consumer.

* PREPARATION SUGGESTED

HANDLING AND TRANSPORTATION

Suitable vehicles to carry food are used to transport the product. Resolution No. 002505 of 2004 "For which the conditions to be met by vehicles to transport meat, fish or easily corruptible food are regulated".

Avoid storing with other product that can alter its organoleptic characteristics or can cause cross-contamination.

Avoid hitting or manhandle the packing, because is the one who protects and maintains the quality of the product.

Product is to be kept away from direct exposure to sunlight

To maintain the color, flavor and aroma characteristic to the fruit, store product in a fresh and dry place, at a temperature below 24° C. For places with temperatures above 24° C, it is recommended to store under refrigeration. (max 6°C).

Once opened, consume the product as soon as possible and keep refrigerated or frozen.

HEALTHY NOTE

Low-fat diets rich in fruits and vegetables (foods that are low-fat and may contain dietary fiber, vitamin A or vitamin C) may reduce the risk of some types of cancer, a disease associated with many factors.

APPLICABLE COLOMBIAN REGULATIONS

Decree 3075 of 1997 / Resolution 2674 of 2013/ Resolution 7992 of 1991 / Resolution 3929 of 2013 / Resolution 5109 of 2005/ Resolution 333 of 2011/Resolution 2505 of 2004.

ELABORATED BY	REVIEWED BY	APPROVED BY
Head of Research and Development	Head of Quality Control	Manager
		Approval Date
		January 2014