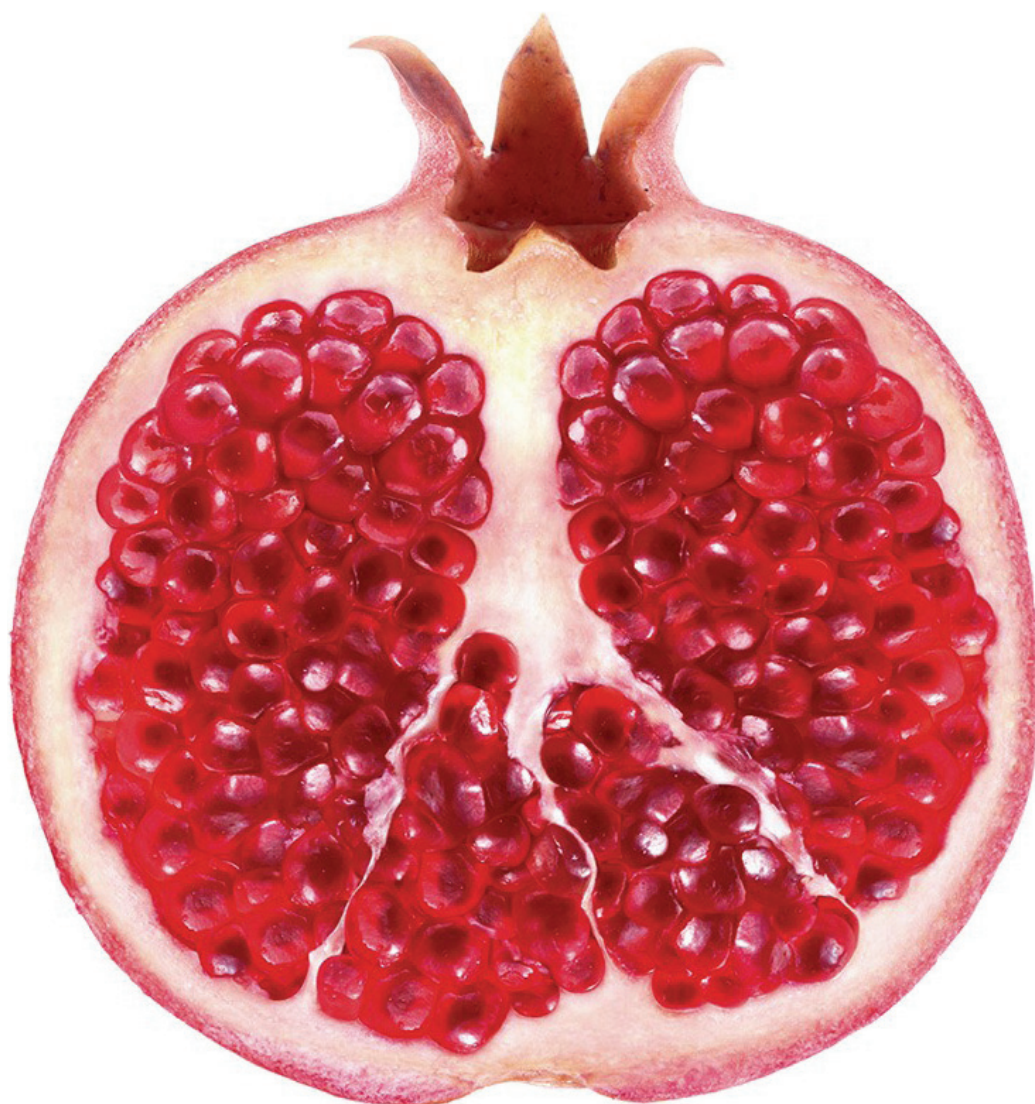
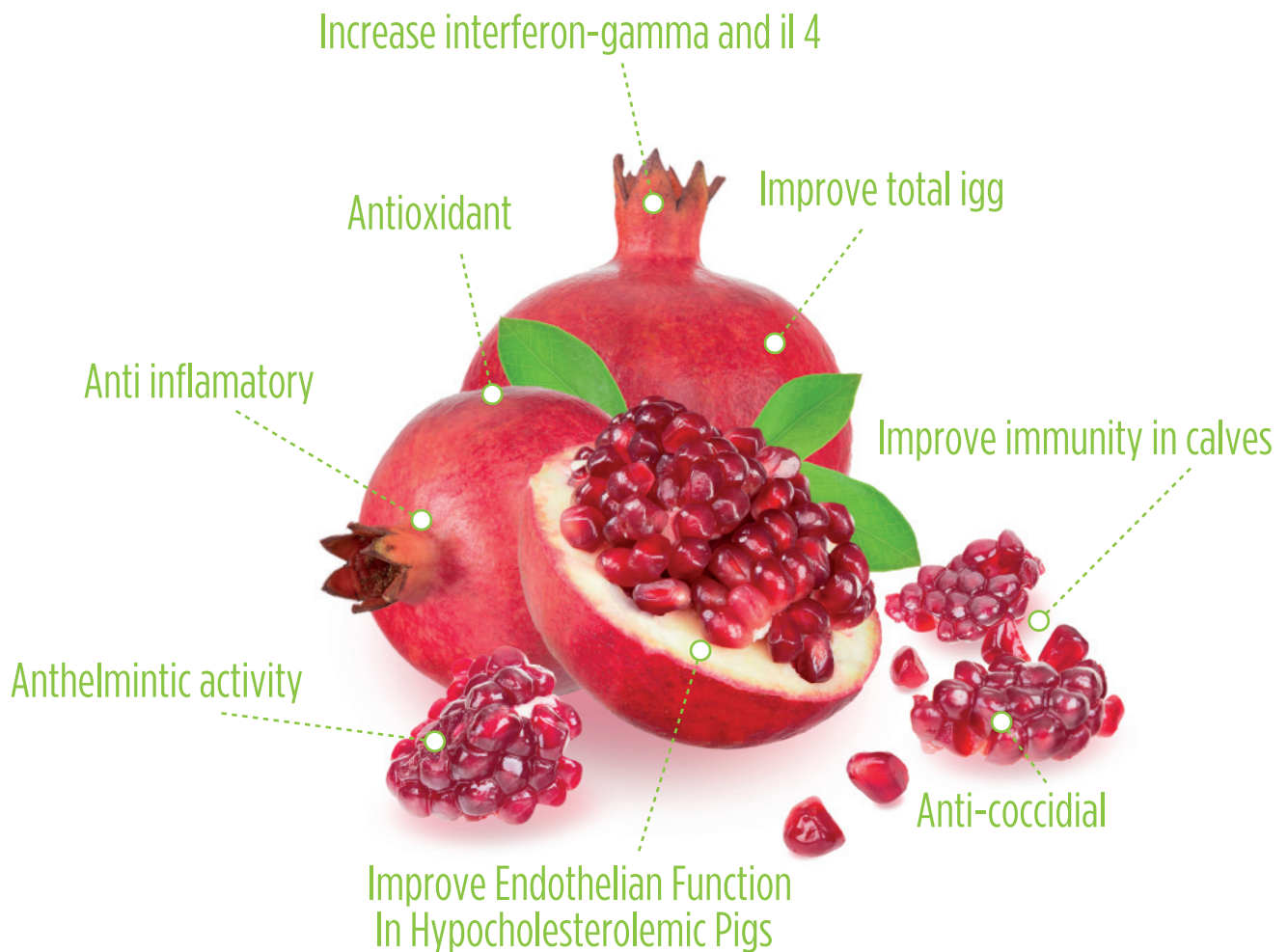


pomegranate, healthy food



Healthy benefits



The process has been specially developed engineers as exclusive (patent pending) technology.

The whole polyphenol spectrum naturally present in the pomegranate fruit is maintained in our product.

POMEGRANATE FRUIT DRY PRODUCT



POMEGRANATE FRUIT DRY PRODUCT



DRY POMEGRANATE
FULL PIECES



DRY POMEGRANATE
CUTS 5 mm



DRY POMEGRANATE
CUTS 1 mm



DRY POMEGRANATE
FRUIT POWDER

POMEGRANATE SEEDS DRY PRODUCT



DRY POMEGRANATE
SEEDS



DRY POMEGRANATE
SEEDS POWDER

1. POMEGRANATE DRY PRODUCT

2. POMEGRANATE LIQUID PRODUCT

3. APPLICATIONS IN THE MARKET

POMEGRANATE FRUIT DRY PRODUCT



DRY POMEGRANATE
FULL PIECES



DRY POMEGRANATE
CUTS 5 mm



DRY POMEGRANATE
CUTS 1 mm



DRY POMEGRANATE
FRUIT POWDER

1. POMEGRANATE DRY PRODUCT

2. POMEGRANATE LIQUID PRODUCT

3. APPLICATIONS IN THE MARKET

POMEGRANATE SEEDS DRY PRODUCT



DRY POMEGRANATE
SEEDS



DRY POMEGRANATE
SEEDS POWDER

Ref: POFD-01

DRY POMEGRANATE FULL PIECES



1. IDENTIFICATION:

Dry full pieces of pomegranate peel obtained from drying processed fresh mature fruits of *Punica granatum* (L.) var. Mollar and Wonderful.

2. APPLICATION:

Food and feed, beverages, bakery, dairy, chemicals and pharmaceuticals industries are the main users of this product.

3. CHARACTERISTIC:

Appearance / Size	Light to dark brown reddish colour	Organoleptic method
Colour / Aroma	Sweet woody aroma	Organoleptic method
Defects	Absence of any non-fruit related item	Organoleptic method

PACKAGING: Bulk, 20 kg boxes.

STORAGE: Ambient temperature (maximum 25°C).
In dry place. Not expose to sunlight.

SHELF LIFE: 24 months.

4. NUTRITIONAL DECLARATION:

Expressed per 100 gr		
Dietary Fiber		33,9
Protein		4,01
Carbohydrates		51,2
Of which are sugars		32,1
Fats		1,35
Of which are saturated		0,15
Energy	KJ	1260
	kcal	301
Punicalagin*		5,9
Elagic Acid**		0,5

**Punicalagins: chemical compound of high molecular weight, water soluble with high antioxidant capacity that gives the molecule great healthy properties.*

***Elagic Acid: natural phenol antioxidant found in pomegranate fruit peel.*

5. PROPERTIES & BENEFITS:

Natural product 100% coming from pomegranate fruits. No additives or processing aids added.

Peel is the place where Total Phenolic Compounds, flavonoids and antocianidins are accumulated conferring the fruit great antioxidant capacity.

All these compounds are responsible of great healthy benefits as: cardio protective, anti-inflammatory, estrogenic, neuroprotective, antiaging, anti-anaemic, depurative, digestive-diuretic.

All these characteristics makes pomegranate to be considered as a Superfood in Nutraceutical Industries. High fibre content also makes this product an important source of healthy compounds that are protective of the digestive system, having also influence and functionality on energy, satiability, bowel transit, and decrease of cholesterol absorption.

Ref: POFD-02

DRY POMEGRANATE FRUIT CUTS 5 mm



1. IDENTIFICATION:

This powder is obtained by drying and milling of processed fresh mature fruits of *Punica granatum* (L.) var. Mollar and Wonderful.

2. APPLICATION:

Food and feed, beverages, bakery, dairy, chemicals and pharmaceuticals industries are the main users of this product.

3. CHARACTERISTIC:

Appearance / Size	Dark yellowish to brownish colour pieces of fruit	Organoleptic method
Colour / Aroma	Sweet woody aroma	Organoleptic method
Defects	Absence of any non-fruit related item	Organoleptic method
Moisture	< 10 g / 100 g	Gravimetry
Particle Size	99% > 5 mm	Sieving
Ashes	< 15.0 g / 100 g	Gravimetry

PACKAGING: Box containing 2 bags 7.5 kg net weight each.

STORAGE: Ambient temperature (maximum 25°C). In dry place. Not expose to sunlight.

SHELF LIFE: 24 months.

4. NUTRITIONAL DECLARATION:

Expressed per 100 gr		
Dietary Fiber		33,9
Protein		4,01
Carbohydrates		51,2
Of which are sugars		32,1
Fats		1,35
Of which are saturated		0,15
Energy	KJ	1260
	kcal	301
Punicalagin*		5,9
Elagic Acid**		0,5

**Punicalagins: chemical compound of high molecular weight, water soluble with high antioxidant capacity that gives the molecule great healthy properties.*

***Elagic Acid: natural phenol antioxidant found in pomegranate fruit peel.*

5. PROPERTIES & BENEFITS:

Natural product 100% coming from pomegranate fruits. No additives or processing aids added.

Peel is the place where Total Phenolic Compounds, flavonoids and antocianidins are accumulated conferring the fruit great antioxidant capacity.

All these compounds are responsible of great healthy benefits as: cardio protective, anti-inflammatory, estrogenic, neuroprotective, antiaging, anti-anaemic, depurative, digestive-diuretic.

All these characteristics makes pomegranate to be considered as a Superfood in Nutraceutical Industries. High fibre content also makes this product an important source of healthy compounds that are protective of the digestive system, having also influence and functionality on energy, satiability, bowel transit, and decrease of cholesterol absorption.

Ref: POFD-03

DRY POMEGRANATE FRUIT CUTS 1 mm



1. IDENTIFICATION:

This powder is obtained by drying and milling of processed fresh mature fruits of *Punica granatum* (L.) var. Mollar and Wonderful.

2. APPLICATION:

Food and feed, beverages, bakery, dairy, chemicals and pharmaceuticals industries are the main users of this product.

3. CHARACTERISTIC:

Appearance / Size	Dark yellowish to brownish colour pieces of fruit	Organoleptic method
Colour / Aroma	Sweet woody aroma	Organoleptic method
Defects	Absence of any non-fruit related item	Organoleptic method
Moisture	< 10 g / 100 g	Gravimetry
Particle Size	99% > 1 mm	Sieving
Ashes	< 15.0 g / 100 g	Gravimetry

PACKAGING: Box containing 2 bags 8 kg net weight each.

STORAGE: Ambient temperature (maximum 25°C). In dry place. Not expose to sunlight.

SHELF LIFE: 24 months.

4. NUTRITIONAL DECLARATION:

Expressed per 100 gr		
Dietary Fiber		33,9
Protein		4,01
Carbohydrates		51,2
Of which are sugars		32,1
Fats		1,35
Of which are saturated		0,15
Energy	KJ	1260
	kcal	301
Punicalagin*		5,9
Elagic Acid**		0,5

***Punicalagins:** chemical compound of high molecular weight, water soluble with high antioxidant capacity that gives the molecule great healthy properties.

****Elagic Acid:** natural phenol antioxidant found in pomegranate fruit peel.

5. PROPERTIES & BENEFITS:

Natural product 100% coming from pomegranate fruits. No additives or processing aids added.

Peel is the place where Total Phenolic Compounds, flavonoids and antocianidins are accumulated conferring the fruit great antioxidant capacity.

All these compounds are responsible of great healthy benefits as: cardio protective, anti-inflammatory, estrogenic, neuroprotective, antiaging, anti-anaemic, depurative, digestive-diuretic.

All these characteristics makes pomegranate to be considered as a Superfood in Nutraceutical Industries. High fibre content also makes this product an important source of healthy compounds that are protective of the digestive system, having also influence and functionality on energy, satiability, bowel transit, and decrease of cholesterol absorption.

Ref: POFP-01

DRY POMEGRANATE FRUIT POWDER



1. IDENTIFICATION:

This powder is obtained by drying and milling of processed fresh mature fruits of *Punica granatum* (L.) var. Mollar and Wonderful.

2. APPLICATION:

Food and feed, beverages, bakery, dairy, chemicals and pharmaceuticals industries are the main users of this product.

3. CHARACTERISTIC:

Appearance / Size	Dark yellow to brownish colour powder	Organoleptic method
Colour / Aroma	Sweet woody aroma	Organoleptic method
Defects	Absence of any non-fruit related item	Organoleptic method
Moisture	< 5 g / 100 g	Gravimetry
Particle Size	99% < 0.5 mm	Sieving
Ashes	< 15.0 g / 100 g	Gravimetry

PACKAGING: Box containing 2 bags 10 kg net weight each. Bag triplex Food Grade.

STORAGE: Ambient temperature (maximum 25°C). In dry place. Not expose to sunlight.

SHELF LIFE: 24 months.

4. NUTRITIONAL DECLARATION:

Expressed per 100 gr		
Dietary Fiber		33,9
Protein		4,01
Carbohydrates		51,2
Of which are sugars		32,1
Fats		1,35
Of which are saturated		0,15
Energy	KJ	1260
	kcal	301
Punicalagin*		5,9
Elagic Acid**		0,5

***Punicalagins:** chemical compound of high molecular weight, water soluble with high antioxidant capacity that gives the molecule great healthy properties.

****Elagic Acid:** natural phenol antioxidant found in pomegranate fruit peel.

5. PROPERTIES & BENEFITS:

Natural product 100% coming from pomegranate fruits. No additives or processing aids added.

Peel is the place where Total Phenolic Compounds, flavonoids and antocianidins are accumulated conferring the fruit great antioxidant capacity.

All these compounds are responsible of great healthy benefits as: cardio protective, anti-inflammatory, estrogenic, neuroprotective, antiaging, anti-anaemic, depurative, digestive-diuretic.

All these characteristics makes pomegranate to be considered as a Superfood in Nutraceutical Industries. High fibre content also makes this product an important source of healthy compounds that are protective of the digestive system, having also influence and functionality on energy, satiability, bowel transit, and decrease of cholesterol absorption.

Ref: POS1

DRY POMEGRANATE SEEDS



1. IDENTIFICATION:

Dried pomegranate seeds coming from processing fresh mature fruits of *Punica granatum* (L.) Variety Mollar and Wonderful.

2. APPLICATION:

Chemicals, cosmetics, extractive and pharmaceuticals industries, are the main users of this product.

3. CHARACTERISTIC:

Appearance / Size	Ellipsoidal seeds around 5 mm length and 3 mm width	Organoleptic method
Colour / Aroma	Light brown seeds with dark reddish brown	Organoleptic method
Defects	Absence of any non-fruit related item	Organoleptic method
Moisture	< 10 g / 100 g	Gravimetry

PACKAGING: Bulk, 35 kg boxes.

STORAGE: Ambient temperature (maximum 25°C). In dry place. Not expose to sunlight.

SHELF LIFE: 24 months.

4. NUTRITIONAL DECLARATION

Expressed per 100 gr		
Dietary Fiber		25.6
Fats		13.0
Of which are saturated		0.65
Carbohydrates		41.2
Of which are sugars		31.0
Protein		11.5
Energy	kJ	1585
	kcal	380

5. PROPERTIES & BENEFITS:

Natural product 100% coming from fresh and sound pomegranate fruits. No additives or processing aids added. Pomegranate seeds are extremely nutritious part of the fruit. In the oil composition of this part of the plant, it can be found a number of beneficial fatty acids with great medical and cosmetic properties.

Among these compounds, responsible of great healthy benefits, we can mention Punicic Acid, an Omega 5 fatty acid that act as: antioxidant, anti-inflammatory, antiaging, and depurative. Omega 5 are actually considered the most powerful antioxidant in nature.

Chemical composition makes it fight against free radicals. All these properties makes Pomegranate Seed Oil a very useful product in cosmetics and medicine. All these characteristics makes pomegranate to be considered as a Superfood in many Industries.

High fibre content also makes this product an important source of healthy compounds that are protective of the digestive system, having also influence and functionality on energy, satiability, bowel transit, and decrease of cholesterol absorption.

Ref: POSP-01

DRY POMEGRANATE SEED POWDER



1. IDENTIFICATION:

Product obtained from gridding and sieving dried pomegranate seeds coming from the processing of fresh mature fruits of *Punica granatum* (L.) Variety Mollar and Wonderful.

2. APPLICATION:

Chemicals, cosmetics, extractive and pharmaceuticals industries, are the main users of this product. Food and feed industrial applications.

3. CHARACTERISTIC:

Test	Units	Parameters	Analytical method
Ash	g /100 g	1.0 - 4.0	Gravimetry
Moisture	g /100 g	<10.0	Gravimetry
Particle size	%	97% < 0,5 mm	Sieving
Color / Appearance	Brownish to greenish colour		Organoleptic method
Taste / Flavour/ Aroma	Oily woodsy aroma		Organoleptic method
Defects	Absence of any non-fruit related item		Organoleptic method

PACKAGING: Bulk, 35 kg boxes.

STORAGE: Ambient temperature (maximum 25°C). In dry place. Not expose to sunlight.

SHELF LIFE: 24 months.

4. NUTRITIONAL DECLARATION

Expressed per 100 gr		
Dietary Fiber		25.6
Fats		13.0
Of which are saturated		0.65
Carbohydrates		41.2
Of which are sugars		31.0
Protein		11.5
Energy	kJ kcal	1585
		380

5. PROPERTIES & BENEFITS:

Natural product 100% coming from fresh and sound pomegranate fruits. No additives or processing aids added. Pomegranate seeds are extremely nutritious part of the fruit. In the oil composition of this part of the plant, it can be found a number of beneficial fatty acids with great medical and cosmetic properties. Among these compounds, responsible of great healthy benefits, we can mention Punicic Acid, an Omega 5 fatty acid that act as: antioxidant, anti-inflammatory, antiaging, and depurative. Omega 5 are actually considered the most powerful antioxidant in nature.

Chemical composition makes it fight against free radicals. All these properties makes Pomegranate Seed Oil a very useful product in cosmetics and medicine. All these characteristics makes pomegranate to be considered as a Superfood in many Industries.

High fibre content also makes this product an important source of healthy compounds that are protective of the digestive system, having also influence and functionality on energy, satiability, bowel transit, and decrease of cholesterol absorption.

FORMATS: PACKAGING OPTIONS



200 g

500 g

1,000 g

5 kg

DOY PACK ZIP



SACK | 10 kg / 25kg



BOX | 25 Kg

1. POMEGRANATE DRY PRODUCT

2. POMEGRANATE LIQUID PRODUCT

3. APPLICATIONS IN THE MARKET

Ref: POD35

POMEGRANATE EXTRACT SINGLE



1. IDENTIFICATION:

This product is a puree coming from the edible part of fruits of different varieties of *Punica granatum* after removing seeds.

2. APPLICATION:

Due to its high pulp content, this product is used to enhance flavor and consistency in pomegranate beverages from concentrate. By its physic characteristics, this puree is also perfect to use as main raw material in confectionery, dairy foods, bakery or chocolate helping to reduce the use of stabilizers and pectin in them.

3. CHARACTERISTIC:

Test	Units	Parameters	Analytical method
° Brix (uncorr)	%	15.0 Min	IFU N.8. Determination of soluble solids (Indirect method by refractometry)
Acidity	(%w/v) ACA	0.30 Min	IFU N.3 Titratable acidity
pH	pH units	4.5 Max	IFU N.11 Determination of pH value

PACKAGING: New metallical conical drum.
Metal lid + plastic seal. (180 kg Net Weight)

STORAGE: Frozen (-18°C)

SHELF LIFE: 18 months.

4. NUTRITIONAL DECLARATION

Expressed per 100 gr		
Energy	kJ	295
	kcal	70
Carbohydrate		14.1
Of which sugars		13.7
Fructose		7.0
Glucose		6.7
Lactose		<0.4
Maltose		<0.4
Sacarose		<0.2
Fat (g)		0,65
Of which Trans		<0,01
Of which Saturated		0.05
Of which Monoinsaturated		0.04
Of which Poliinsaturated		0.55
Protein		0.97
Dietary Fibre		1.80
Ash		0.54
Moisture		81.9

5. PROPERTIES & BENEFITS:

Considered a superfood because of its large content in vitamins, minerals and antioxidants.

This fruit juice is used in many ways to prevents cardiovascular diseases, cancer, diabetes, cholesterol etc.

1. POMEGRANATE DRY PRODUCT

2. POMEGRANATE LIQUID PRODUCT

3. APPLICATIONS IN THE MARKET

Ref: PO71

POMEGRANATE EXTRACT 5 FOLD



1. IDENTIFICATION:

This product is prepared with different varieties of Punica granatum. This product is ideal for the production of soft drinks and beverages and can be reconstituted by dilution with water in order to reach the Brix of ready to drink product.

2. APPLICATION:

Fruit beverages, food Industrial applications, bakery, dairy, ice cream, soft drinks / drinks, fruit prep, ready meals, jams, syrups and dietary supplements.

3. CHARACTERISTIC:

Test	Units	Parameters	Analytical method
° Brix (uncorr)	%	50.0 - 52.0	IFU N.8. Determination of soluble solids (Indirect method by refractometry)
Acidity	(%w/v) ACA	3.0 - 4.0	IFU N.3 Titratable acidity
pH	pH units	4.0 Max	IFU N.11 Determination of pH value

5.0 Min Pomegranate Punicosides (punicalagin α - β -ellagic acid, punicalin) % (HPLC).

13.0 Min Total Polyphenols % (Folin-Ciocalteu)

PACKAGING: New metallical conical drum. Metal lid + plastic seal. (240 kg Net Weight)

STORAGE: Frozen (-18°C)

SHELF LIFE: 18 months.

4. NUTRITIONAL DECLARATION

Expressed per 100 gr		
Energy	kJ	915
	kcal	216
Carbohydrate		50.8
Of which sugars		26.7
Fat (g)		0,14
Of which Saturated		0.03
Protein		0.93
Dietary Fibre		3.81
Sodium (mg)		25.9

5. PROPERTIES & BENEFITS:

The whole polyphenol spectrum naturally present in the pomegranate fruit is maintained in our product.

Clinical trials in human demonstrate the best bioavailability of bioactive principles when kept all the natural range, compared to others artificially purified.

DOSAGE: from 2-12 g/L.

POMEGRANATE POLYPHENOL CONTRIBUTION OF THIS

Dosage : 100-600 ppm. (25-150 mg/serving 250 ml)

TOTAL POLYPHENOL CONTRIBUTION: 260-1560 ppm. (65-390 mg/serving 250 ml)

ANTIOXIDANT CAPACITY:

Dosage: 50-80 mg pomegranate punicosides/serving

BONES STRENGTH:

Dosage: 80-100 mg pomegranate punicosides/serving

IMPROVES DIGESTION:

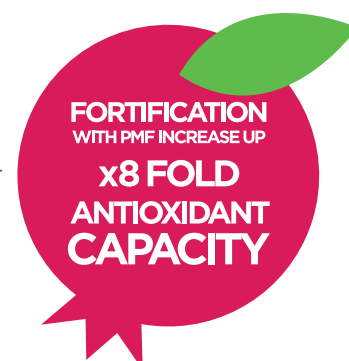
Dosage: 80-100 mg pomegranate punicosides/serving

PROSTATE HEALTH:

Dosage: 250-300 mg pomegranate punicosides/serving

SKIN HEALTH:

Dosage: 100-120 mg pomegranate punicosides/serving



FORMATS: PACKAGING OPTIONS



Aseptic and Frozen Drums
180 Kg / 215 Kg / 240 Kg / 260 Kg



Aseptic Bag in Box (BIB)

1. POMEGRANATE DRY PRODUCT

2. POMEGRANATE LIQUID PRODUCT

3. APPLICATIONS IN THE MARKET



Maser Spain S.L.
c/ Murillo 47 - 1º A
45.500 Torrijos (Toledo)
Spain
Tlf. +34 925 764 038 / +34 645 763 405 / +34 645 763 406
Fax +34 925 771 227
www.maserfruits.com
info@maserfruits.com