

**Supplier Office / Production / Warehouse site**

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**Quality systems details**

Certified BRC: Yes  
 Certified GMP: Yes  
 Certified SKAL: Yes

Copies of certificates can be downloaded at <http://www.schobbers.nl/certificates>

**Product description**

Article name: Pumpkinseedkernels hulled Shine Skin A  
 Dutch name: Pompoenpitten gepeld Shine Skin A  
 Official name: pumpkinseedkernels  
 Botanical name: cucurbita pepo L  
 Product description: 100% agricultural product of nature  
 Function - Intended use: topping and condiment for bakery, pastry, muesli and cereals industries  
 Preparation: must be heated (>70C for min. 120 seconds) as ingredient or before direct consumption  
 EU classification system: Oilseeds

TARIC Code / Statistical nr: 1212999590

Article nr / Variant: 1048

Processing and/or reselling for purposes other than 'intended use' and/or discarding preparation instructions excludes the responsibility and liability of Schobbers.

**Product features**

HL weight: app. 598 gram per liter  
 Shape: flat / oval shape  
 Cultivation: Conventional  
 Aromatic parts: YES natural | NO nature identical | NO synthetic  
 Odor: product specific / neutral  
 Taste: product specific / neutral nutty  
 Structure: firm

Being a product of nature, features may vary per lot.

**Physical features**

Purity: min. 99,95%  
 Impurity: max. 0,05%  
 Living vermin: absent  
 Moisture: max. % 12  
 FFA: max. % 4  
 Burnt seeds: max. % N/A  
 Un-hulled seeds: max. % 0,1  
 Broken seeds: max. % 5  
 Un-blanching: max. % N/A  
 Hygroscopic: No

Being a product of nature, features may vary per lot. Despite multiple control and careful cleaning in origin, impurities cannot entirely be ruled out. (see 'Processing')

**Chemical features**

	MAX	UNIT
<i>Heavy metals</i>		
Arsenic (As):	0,10	mg/kg
Cadmium (Cd):	0,50	mg/kg
Lead (Pb):	0,10	mg/kg
Mercury (Hg):	0,20	mg/kg

*Pesticides*

Pesticides residues: within the norms of pesticide

*Mycotoxins*

Aflatoxin B1:	2*	µg/kg
Aflatoxin B1/B2/G1/G2:	4*	µg/kg
Ochratoxin A:	5	µg/kg
DON:	N/A	µg/kg
Zearalenon:	N/A	µg/kg

**Microbiological features**

	MAX	UNIT
Aerobic Plate Count:	1.000.000	cfu/g
Enterobacteriaceae:	100.000	cfu/g
E.Coli:	100	cfu/g
Moulds:	5.000	cfu/g
Yeasts:	5.000	cfu/g
Salmonella:	absent in 2	cfu/g
Bacillus cereus:	1.000	cfu/g
Coliforms:	10.000	cfu/g

In conformance with COMMISSION REGULATION (EC) No 2073/2005 of 15 November 2005 and COMMISSION REGULATION (EC) No 1441/2007 of 5 December 2007 amending Regulation (EC) No 2073/2005 on microbiological criteria for foodstuffs

**Avg. nutritional values**

Basis		UNIT p 100 gr
Energy KJ:	2379	KJ
Energy kcal:	574	Kcal
Protein:	24,5	g
Carbohydrates (Total):	13,9	g
- of which sugars:	1	g
Fat (Total):	45,8	g
- part Saturated fat:	8,7	g
- part Mono unsaturated fat:	14,3	g
- part Poly unsaturated fat:	20,9	g
- part Trans fatty acid:	0	g
Fibers:	3,9	g
Ash:	4,9	g
Moisture:	7	g

*Minerals*

Sodium (Na):	18	mg
Calcium (Ca):	43	mg
Magnesium (Mg):	535	mg
Potassium (K):	807	mg
Phosphorus (P):	1174	mg
Iron (Fe):	15	mg
Zinc (Zn):	7,5	mg

*Vitamins*

Vitamin A:	380	IU
Vitamin B1:	0	mg
Vitamin B2:	0	mg
Vitamin B6:	0,2	mg
Alcohol:	0	g

Being a product of nature, the nutritional values are 'average values' which may vary per lot. [- = data not (yet) available]

**List of ingredients**

Art.nr:	Component name:	Component name (Dutch):	Percentage:	Colour:	Origin(s):
1048	Pumpkinseedkernels hulled Shine Skin A	Pompoenpitten gepeld Shine Skin A	100,00%	light green	China
			<b>100,00%</b>		

**Packing**

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic
Color:	Colored	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	15,00	# Layers:	10	# Layers:	10
EAN Code:	871805346341	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	30	Unit p Pallet:	30
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	No	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	Yes, max. 1 on 1

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Block pallet	Pallet type 1:	Euro-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic/Wood
Color:	Colored	Size:	120 x 100 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	5,00	# Layers:	7	# Layers:	10
EAN Code:	871805346035	Unit p Layer:	15	Unit p Layer:	11
Closing:	Seal	Unit p Pallet:	105	Unit p Pallet:	110
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	No	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	No

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bigbag / FIBC	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	PP	Material:	Wood	Material:	Plastic
Color:	White	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	500-1000 kg	# Layers:	1	# Layers:	1
EAN Code:	871805346169	Unit p Layer:	1	Unit p Layer:	1
Closing:	Yarn/Seal	Unit p Pallet:	1	Unit p Pallet:	1
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	No	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	No	Pallet stackable:	No

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic
Color:	Colored	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	22,68	# Layers:	10	# Layers:	10
EAN Code:	871805346037	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	30	Unit p Pallet:	30
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	No	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	Yes, max. 1 on 1

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic
Color:	Colored	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	25,00	# Layers:	10	# Layers:	10
EAN Code:	871805346048	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	30	Unit p Pallet:	30
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	No	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	Yes, max. 1 on 1

All direct packaging material complies acc. Reg. EC No 1935/2004+EC No 10/2011+EC No 2023/2006 OF THE EUROPEAN PARLIAMENT AND THE COUNCIL (relating to materials and articles intended for direct food contact). Different forms of packaging and / or palletizing such as bulk, boxes, octabins etc. are possible. We are gladly willing to record these in a made to measure specification.

**Processing:**

- Hulling
- Pre cleaning
- Fine cleaning / sieves
- Wind cleaning / aspiration
- Gravity cleaning
- Magnet cleaning
- Sortex A Optical Sorting
- Control sieving
- X ray sorting - CCP
- Control magnets
- Metal detection - CCP
- Automatic packing
- Marking / Labelling
- Automatic palletizing
- Automatic foil wrapping

Depending on product quality, processteps may be different from the above mentioned procesflow.

ALBA Allergens features	P	L	W
01.0 Gluten	-	+	+
01.1 Wheat	-	+	+
01.2 Rye	-	+	+
01.3 Barley	-	+	+
01.4 Oat	-	+	+
01.5 Spelt	-	+	+
01.6 Kamut	-	-	-
02.0 Crustaceans	-	-	-
03.0 Egg	-	-	-
04.0 Fish	-	-	-
05.0 Peanuts	-	-	-
06.0 Soy	-	+	+
07.0 Cow milk protein	-	-	-
08.0 Nuts	-	-	+
08.1 Almonds	-	-	+
08.2 Hazelnuts	-	-	+
08.3. Walnuts	-	-	+
08.4 Cashew nuts	-	-	+
08.5 Pecannuts	-	-	+
08.6 Brasilnuts	-	-	+
08.7 Pistachionuts	-	-	+
08.8 Macadamianuts	-	-	+
09.0 Celery	-	-	-
10.0 Mustard	-	-	+
11.0 Sesame seeds	-	+	+
12.0 Sulphur dioyde / sulphites	-	-	-
13.0 Lupines	-	-	+
14.0 Molluscs	-	-	-

+ = present (yes) - = absent (no)

P = in product - direct presence in ingredient / recipe

L = in product line - possible presence in production line (possible cross contamination - traces)

W = in warehouse - possible presence on site (possible cross contamination - traces)

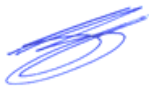
Other types of seeds and/or kernels have possible presence on production line and/or on site

**Suitable for diets**

Kosher (certificate):	Yes
Halal (certificate):	No
Vegetarians:	Yes
OVO LACTO Vegans:	Yes
Vegans:	Yes

**Signature**

H.Ch. Schobbers bv



S.P. Schobbers (Management)

(N/A - Not Applicable)

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**Marking / Coding**

Packing marking:	inkjet and/or label
Pallet marking:	A5 or A4 label (Barcode label sample see <a href="http://www.schobbers.nl/barcoding">http://www.schobbers.nl/barcoding</a> )
LOT:	batch nr / lot nr Schobbers/Supplier (reproduction mandatory)
PRO:	production date in month/year notation (e.g. 11/2012) (reproduction optional)
EXP:	expiry date in month/year notation (e.g. 01/2014) (reproduction mandatory)
Suppliers name:	Schobbers Venlo Holland (reproduction optional)
Weight unit:	kg's indication (e.g. 25 kg of 22,68 kg)
Storage condition:	textual indication

**Storage conditions and Expiry**

Shelf life:	12 months in original packing, provided goods are stored under conditions described.
Shelf life at delivery:	min. 2/3 in time of total shelf life
Storage condition:	store dry, cool and dark
Storage temperature:	min. 4 °C and max. 15 °C
Storage humidity:	max. 60%
Storage others:	opening of the original packing has no effects on the shelf-life provided correct storage

Storage above the maximum temperature and/or humidity is harmful to the product. It can result in buildup of fungus, larvae and / or moths, which excludes the responsibility and liability of the supplier. Deliveries are carried out in accordance the methodology LOT IN - LOT OUT, this may result in the EXP date being non-chronologic

**Transport conditions**

Transport conditions:	dry and clean transport
Chilled / Non chilled:	non chilled

**Material Safety Data Sheet**

<i>Risk of fire:</i>	Prevent electric discharge
Risk of fire:	Stable product by regular stocking conditions
Stability:	Non-toxic. Could contains allergens dependable on the additives
Toxicity:	Product can be processed without safety precautions provided dust minimization
Safety precautions:	
<i>Precaution:</i>	
Eye contact:	Rinsing with water
Inhalation of dust:	Prevent furthermore inhalation. When serious complaints occur, contact a doctor
Skin contact:	No risks. If necessary, rinse with water.
Swallowing:	No risks

**Irradiation Statement**

The product has not been treated by irradiation.

**GGO/GMO Statement**

We certify, to be true and correct to the best of our knowledge, that the product(s) mentioned in this specification has/have NOT been genetically modified as described in (EG) Nr.: 1829/2003 and (EG) Nr.: 1830/2003. \*

\*GGO/GMO which cannot be detected on date of delivery and that is detected after date of delivery due to new methods of analysis is excluded from Schobbers liability

**Memo**

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