

## PRODUCT SPECIFICATION

<b>PRODUCT:</b>	Sunflower Seed Kernels - Bakery grade		
<b>SIZE &amp; WEIGHT:</b>	25kg		
<b>COUNTRY OF ORIGIN:</b>	Bulgaria		
<b>DATE:</b>	02-08-13	<b>ISSUE:</b>	001
<b>REASON FOR ISSUE:</b>	New		

<b>DESCRIPTION:</b>	Flat Oval shaped, greyish seeds, approximately 10mm long & 5mm wide
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### Analytical Standards

<b>PHYSICAL PARAMETERS:</b>	Foreign article mineral / organic	<0.05%
	Stick Tites	<0.5%
	Damaged	<2.0%
	Broken seeds (smaller than 1/2 kernel)	<8%
	Insect damage	<1%
	Discoloured kernels	<1%
	Off colour	<0.1%

<b>TEXTURE:</b>	Crisp and not chewy
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<b>FLAVOUR / SMELL:</b>	Characteristic, fresh, free from off-flavours, not musty, no off smell
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<b>MICROBIOLOGICAL ANALYSIS:</b>	<b>TVC:</b>	Target <100 000cfu/g	Max 1 000 000cfu/g
	<b>Salmonella:</b>	Absent in 25g	
	<b>E.coli:</b>	Absent in 10g	Max <10cfu/g
	<b>Coliforms:</b>	Target <1 000cfu/g	Max 10 000cfu/g
	<b>Yeast count:</b>	Target <5 000cfu/g	Max 10 000cfu/g
	<b>Mould count:</b>	Target <5 000cfu/g	Max 10 000cfu/g

<b>CHEMICAL ANALYSIS:</b>	<b>Moisture</b>	<7%
	<b>Fat content</b>	<49%
	<b>FFA</b>	Max 3%
	<b>Aflatoxin B1</b>	<2 ppb
	<b>Total Aflatoxins</b>	<4 ppb
	<b>Cadium</b>	<0.2mg/kg
	<b>Lead</b>	<0.2mg/kg

### HACCP

<b>METAL DETECTION:</b>	In place – specific details available via SAQ
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## Nutrition

NUTRITIONAL DATA:	Per 100g		Source of data	
	<b>Energy</b>	<b>kJ</b>	<b>2410</b>	McCance and Widdowson
	<b>Energy</b>	<b>kcal</b>	<b>581</b>	McCance and Widdowson
	<b>Protein</b>	<b>g</b>	<b>19.8</b>	McCance and Widdowson
	<b>Total Fat</b>	<b>g</b>	<b>47.5</b>	McCance and Widdowson
		of which saturates g	4.5	McCance and Widdowson
		of which mono-unsaturates g	9.8	McCance and Widdowson
		of which poly-unsaturates g	31.0	McCance and Widdowson
	<b>Total Carbohydrate</b>	<b>g</b>	<b>18.6</b>	McCance and Widdowson
		of which sugars g	1.7	McCance and Widdowson
		of which starch g	16.3	McCance and Widdowson
	<b>Sodium</b>	<b>mg</b>	<b>3</b>	McCance and Widdowson
	<b>Dietary Fibre</b>	<b>g</b>	<b>6.0</b>	McCance and Widdowson
	<b>Calcium</b>	<b>mg</b>	<b>110</b>	McCance and Widdowson
	<b>Iron</b>	<b>mg</b>	<b>6.4</b>	McCance and Widdowson
	<b>Vitamin A</b>	<b>RE</b>	<b>0</b>	McCance and Widdowson
<b>Vitamin C</b>	<b>mg</b>	<b>0</b>	McCance and Widdowson	

## Shelf Life / Storage

<b>SHELF LIFE:</b>	<b>Shelf Life unopened: 12 months from date of manufacture under correct storage conditions</b>
	<b>Shelf Life opened:</b>

<b>RECOMMENDED STORAGE:</b>	<b>Below 15°C, dark and dry (max 50% relative humidity), in original unopened packaging</b>
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## Packaging

<b>PRIMARY PACKAGING: (Food Contact)</b>	<b>Dimensions:</b>	
	<b>Material &amp; Closure:</b>	<b>4 layers paper bags</b>
	<b>Weight:</b>	
	<b>Label position:</b>	
	<b>Label information:</b>	<b>Lot made up of Day / Month / Year of production</b>
	<b>Coding information:</b>	
	<b>Coding example:</b>	

<b>SECONDARY PACKAGING: (Unit of Sale)</b>	<b>Dimensions (LxWxH) mm:</b>	-
	<b>Material &amp; Closure:</b>	-
	<b>Weight:</b>	-
	<b>Label position:</b>	-
	<b>Label information:</b>	-
	<b>Coding information:</b>	-
	<b>Coding example:</b>	-

<b>PALLETISATION:</b>	<b>Units per layer:</b>	-
	<b>Pallet:</b>	-
	<b>Pallet Material:</b>	-
	<b>Height of Finished Pallet:</b>	-

**Weight Control**

<b>AVERAGE OR MINIMUM WEIGHT:</b>	<b>Net weight</b>
<b>TARGET WEIGHT:</b>	<b>25kg</b>
<b>LABEL WEIGHT:</b>	<b>25kg</b>

**Raw Material Components**

<b>INGREDIENT DECLARATION (legal):</b>	<b>Sunflower Kernels</b>
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<b>Ingredient (include compound ingredients)</b>	<b>%</b>	<b>+/-</b>	<b>Supplier</b>	<b>Country of Origin</b>	<b>GM status</b>
<b>Sunflower Kernels</b>	<b>100</b>			<b>Bulgaria</b>	<b>GMO free</b>
<b>Total</b>	<b>100</b>				

## Food Intolerance Data

ALLERGENS				
Component	Allergen in product	Allergen processed on same equipment	Allergen used on site	Additional information
<b>Cereals containing GLUTEN</b> and products thereof	No	No	No	
<b>EGGS</b> or its derivatives e.g. frozen yolk, egg white powder	No	No	No	
<b>FISH</b> or its derivatives e.g. protein, extracts etc	No	No	No	
<b>CRUSTACEANS / SHELLFISH</b> (including crab, crayfish, lobster, prawn and shrimp)	No	No	No	
<b>MOLLUSCS</b> (snails, clams, mussels, oysters, cockles and scallops)	No	No	No	
<b>PEANUTS</b> or derivatives, e.g. protein, oil, butter, flour and mandenona nuts (an almond flavoured peanut product)	No	No	No	
<b>SOYA BEANS</b> or derivatives, e.g. lecithin, oil, tofu and protein isolates etc.	No	No	No	
<b>MILK (LACTOSE)</b> or its derivatives, e.g. milk caseinate, whey and yoghurt powder etc	No	No	No	
<b>NUTS</b> , tree nuts: (almonds, Brazil nuts, cashews, hazelnuts (filberts), macadamia nuts, pecans, pine nuts (pinyon, pinon), pistachios and walnuts or their derivatives e.g. nut butters and oils etc	No	No	No	
<b>CELERY</b> , including celeriac and its derivatives	No	No	No	
<b>MUSTARD</b> , referring to all parts of the plant and derivatives thereof	No	No	No	
<b>SESAME SEEDS</b> or derivatives, e.g. tahini, sesame oil	No	No	No	
<b>SULPHITES</b> , e.g. sulphur dioxide, sodium Metabisulphites etc. (E220-E228) – <b>Sulphite quantity to be given in ppm</b>	No	No	No	
<b>LUPIN</b> seeds or derivatives e.g. flour	No	No	No	

OTHER FOOD INTOLERANCES				
Component	Component in product	Component processed on same equipment	Component used on site	Additional information
Maize & maize Derivatives	No	No	No	
Fruit & Fruit Derivatives	No	No	No	
Vegetable & Vegetable Derivatives	No	No	No	
Yeast & Yeast Derivatives	No	No	No	
Seeds, Seed Oil & Seed Derivatives	Yes	Yes	Yes	Sunflower seed
Artificial Flavourings, Colours or Preservatives	No	No	No	
Artificial Sweeteners	No	No	No	
Added Sugar	No	No	No	
Added Salt	No	No	No	
Beef, Pork, Lamb & Derivatives	No	No	No	
Gelatin	No	No	No	
Other Animal Derivatives	No	No	No	
Azo and Coal Tar Dyes	No	No	No	
Glutamates	No	No	No	
Benzoates (>1mg/kg)	No	No	No	
BHA / BHT / related compounds (E320 / E321) (>1mg/kg)	No	No	No	
Alcohol	No	No	No	

### Diet Suitability

The product is <b>SUITABLE</b> for:			
Vegetarians	Yes	Jewish / Kosher	No
Vegans	Yes	Muslims / Halal	No
Ovo-Lacto Vegetarians	Yes	Diabetics	
Low Potassium		Coeliacs	Yes
Low Sodium		Organic	No

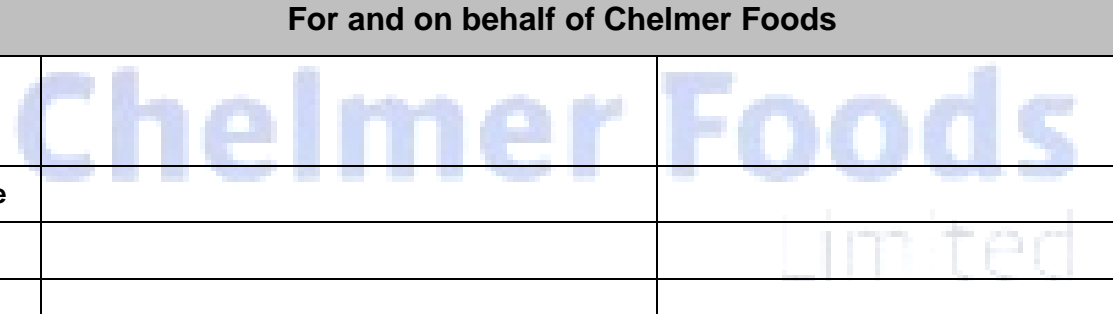
### General Information

**This product complies with the following EU legislation:**

**Pesticide Use Council Directive 91/414/EEC**  
**EU Regulations for Heavy Metals Commission Regulation (EC) No 1881/2006**  
**EU Regulations for Mycotoxins Commission Regulation (EC) No 1881/2006**

**The product is a natural product and will undergo a specification review at each new crop**

### Signatures

For and on behalf of Chelmer Foods	
Signature	
Print Name	
Position	
Date	

For and on behalf of Customer / Supplier	
Signature	
Print Name	
Position	
Date	