

PRODUCT SPECIFICATION

PRODUCT:	Organic Sunflower Seed Kernels		
SIZE & WEIGHT:	Confectionary grade: Number of grains 550 counts / ounce max Bakery grade: Number of grains 600 counts / ounce max		
COUNTRY OF ORIGIN:	China		
DATE:	01-08-13	ISSUE:	001
REASON FOR ISSUE:	New		

DESCRIPTION:	Ripe, dry, grown without shell, Sunflower seeds Off-white, grey in colour; oval flat & longish seeds
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Analytical Standards

PHYSICAL PARAMETERS:	Foreign article mineral / organic	Max 0.05%
	Kernels in shell	Max 0.5%
	Broken seeds (smaller than 1/2 kernel)	Max 7%
	Insect damaged	Max 1%

TEXTURE:	Crisp, not chewy
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FLAVOUR / SMELL:	Characteristic, free from off-odour, without rancid taste
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MICROBIOLOGICAL ANALYSIS:	TVC:	Target <100 000cfu/g	Max 1 000 000cfu/g
	Salmonella:	Absent in 25g	
	E.coli:	Absent in 10g	Max <10cfu/g
	Coliforms:	Target <1 000cfu/g	Max 10 000cfu/g
	Yeast count:	Target <5 000cfu/g	Max 10 000cfu/g
	Mould count:	Target <5 000cfu/g	Max 10 000cfu/g

CHEMICAL ANALYSIS:	Moisture	Max 7.5%
	Purity	99.95%
	FFA	<0.8%
	Aflatoxin B1	<2 ppb
	Total Aflatoxins	<4 ppb
	Cadium	<0.05mg/kg
	Lead	<0.5mg/kg
	Arsenic	<0.1mg/kg
	Mercury	<0.05mg/kg

HACCP

METAL DETECTION:	In place – specific details available via SAQ
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Nutrition

NUTRITIONAL DATA:	Per 100g		Source of data	
	Energy	kJ	2410	McCance and Widdowson
	Energy	kcal	581	McCance and Widdowson
	Protein	g	19.8	McCance and Widdowson
	Total Fat	g	47.5	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
	Total Carbohydrate	g	18.6	McCance and Widdowson
		of which sugars	g 1.7	McCance and Widdowson
		of which starch	g 16.3	McCance and Widdowson
	Sodium	mg	3	McCance and Widdowson
	Dietary Fibre	g	6.0	McCance and Widdowson
	Calcium	mg	110	McCance and Widdowson
	Iron	mg	6.4	McCance and Widdowson
	Vitamin A	RE	0	McCance and Widdowson
Vitamin C	mg	0	McCance and Widdowson	

Shelf Life / Storage

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

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

PRIMARY PACKAGING: (Food Contact)	Dimensions:	
	Material & Closure:	4 layers paper bags
	Weight:	25kg
	Label position:	
	Label information:	BBE
	Coding information:	SP = company abbreviation; 13 = the year; ** = contract sequencing number (begin with 1 at New Year) A = Sunflower Kernels
	Coding example:	SP13**A

SECONDARY PACKAGING: (Unit of Sale)	Dimensions (LxWxH) mm:	-
	Material & Closure:	-
	Weight:	-
	Label position:	-
	Label information:	-
	Coding information:	-
	Coding example:	-

PALLETISATION:	Units per layer:	-
	Pallet:	-
	Pallet Material:	-
	Height of Finished Pallet:	-

Weight Control

AVERAGE OR MINIMUM WEIGHT:	Net weight
TARGET WEIGHT:	25kg
LABEL WEIGHT:	25kg

Raw Material Components

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

Food Intolerance Data

ALLERGENS				
Component	Allergen in product	Allergen processed on same equipment	Allergen used on site	Additional information
Cereals containing GLUTEN and products thereof	No	No	No	
EGGS or its derivatives e.g. frozen yolk, egg white powder	No	No	No	
FISH or its derivatives e.g. protein, extracts etc	No	No	No	
CRUSTACEANS / SHELLFISH (including crab, crayfish, lobster, prawn and shrimp)	No	No	No	
MOLLUSCS (snails, clams, mussels, oysters, cockles and scallops)	No	No	No	
PEANUTS or derivatives, e.g. protein, oil, butter, flour and mandenona nuts (an almond flavoured peanut product)	No	No	No	
SOYA BEANS or derivatives, e.g. lecithin, oil, tofu and protein isolates etc.	No	No	No	
MILK (LACTOSE) or its derivatives, e.g. milk caseinate, whey and yoghurt powder etc	No	No	No	
NUTS , 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	
CELERY , including celeriac and its derivatives	No	No	No	
MUSTARD , referring to all parts of the plant and derivatives thereof	No	No	No	
SESAME SEEDS or derivatives, e.g. tahini, sesame oil	No	No	No	
SULPHITES , e.g. sulphur dioxide, sodium Metabisulphites etc. (E220-E228) – Sulphite quantity to be given in ppm	No	No	No	
LUPIN 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 SUITABLE for:			
Vegetarians	Yes	Jewish / Kosher	
Vegans	Yes	Muslims / Halal	
Ovo-Lacto Vegetarians	Yes	Diabetics	
Low Potassium		Coeliacs	
Low Sodium		Organic	Yes

General Information

<p>This product complies with the following EU legislation:</p> <p>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</p> <p>The product is a natural product and will undergo a specification review at each new crop</p>
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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		