

Product Specification

Product	Organic Sunflower protein 55%
CCL Product Code	P34266

Specification Details

Means of Identification	Specification
Assay/Actives	Positive
Appearance	Protein Min 55%
Colour	Fine Powder
Aroma	Beige (in emulsion white to grey-white)
Flavour	Characteristic

Microbiological Limits

Total Viable Count	Max 10,000cfu/g
Yeasts & Moulds	Max 2,000cfu/g
E. Coli	Negative/1g
Salmonella	Negative/25g

Heavy Metal Limits

Lead (Pb)	Max 3ppm
Cadmium (Cd)	Max 1ppm
Mercury (Hg)	Max 0.1ppm
Arsenic (As)	Max 1ppm

GMO Status	Non GMO
Irradiation Status	Non Irradiated
TSE/BSE Status	TSE/BSE Free

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FDA number: 16806073982

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Registered in England No: 3590758 VAT No: GB 711 6598 32

Registered office: 203 Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NX, UK.

Additional Technical Information

Raw Material Full Botanical / Chemical Name	Helianthus annuus seed extract
Part Used	Kernals
The material is Food Grade	Yes
Country of Origin	Romania, Hungary, Bulgaria (East Europe)
Country of Manufacture	Germany
CAS Number	84776-03-4 / 8001-21-6
EC/EINECS Number	232-273-9
Shelf Life from Date of Manufacture	Min 2 years
Suitable for Vegetarians?	Yes
Suitable for Vegans?	Yes
Storage Conditions	This material is to be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight.

Composition Origin, Function and Percentages

Ingredients	Function	% composition	Source
Sunflower seed extract	-	100%	Sunflower seeds

Nutritional Data

Test	Value per 100g
Energy kJ / Kcal	1300/305
Fat (g)	2
Carbohydrate (g)	9
-Of which Sugars (g)	5
Fibre (g)	20
Protein (g)	53.4
Salt (g)	0.002

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

The allergen information is supplied by the manufacturer, we have not tested for each individual allergen to ensure they are not present. The information given is based on a documented risk assessment and is accurate to the best of our knowledge. If you intend to make a voluntary "free from" claim on your pack, additional testing may need to be carried out. For technical and labelling guidance, you should always speak to the competent authority for the market or member state in which the final products are placed.

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Allergens	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	N/A
Nut and Nut Derivatives <i>Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia)</i>	No	Yes	On site, but allergen management implemented, max 10ppm
Sesame Seeds and Sesame Seed Derivatives	No	No	N/A
Milk and Milk Derivatives (including lactose)	No	Yes	No
Egg and Egg Derivatives	No	No	N/A
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barleygrass)</i>	No	Yes	On site, but allergen management implemented, max 20ppm
Soya and Soya Derivatives	No	No	N/A
Lupin and Lupin Derivatives	No	No	N/A
Mustard and Mustard Derivatives	No	Yes	On site, but allergen management implemented, max 20ppm
Celery or Celery Derivatives (including Celeriac)	No	Yes	On site, but allergen management implemented, max 20ppm
Fish and Fish Derivatives	No	No	N/A
Molluscs and their Derivatives	No	No	N/A
Crustaceans and their Derivatives	No	No	N/A
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	N/A

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Additives / Contaminants / Dietary Requirements / Intolerances	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Additives / E Numbers	No	No	N/A
Antioxidants	No	No	N/A
Ethylene Oxide	No	No	N/A
Gelatine	No	No	N/A
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	No	N/A
Maize / Corn and any Derivatives	No	No	N/A
Legumes / Pulses	No	No	N/A
Rice and Rice Derivatives	No	No	N/A
Added Salt	No	Yes	No
Added Sugar / artificial or natural sweeteners	No	Yes	No
Aspartame	No	No	N/A
BHA / BHT (E320 / E321)	No	No	N/A
Caffeine	No	No	N/A
Colours (Artificial / Nature Identical / Natural / Smoked)	No	No	N/A
Dextrose	No	No	N/A
other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	Yes	Yes	Source is sunflower seeds
Polyols (sugar alcohols)	No	No	N/A
Sorbic Acid (E200, E203)	No	No	N/A
Any other Preservatives	No	No	N/A
Ethanol	No	No	N/A
Honey	No	No	N/A
Lactose	No	Yes	No
Yeast and Yeast Derivatives	No	No	N/A
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	N/A
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	N/A

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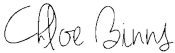

We confirm that the information above is sourced from the original manufacturers/suppliers Specification.

To be used as per local legislation.

Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A
2	Updated microbiological specification for E.coli from <10cfu/g to negative in 1g	N/A
3	General reformat Additional technical information Added nutritional data, heavy metal limits Removed sieve analysis Changes: <ul style="list-style-type: none"> Total plate count from max 5,000cfu/g to max 10,000cfu/g Yeast & Moulds from max 1,000 to max 2,000cfu/g 	YES

Document Approval

Originator	Approver
 Chloe Binns Quality Apprentice	 Malgorzata Sosnin QC Technician
<small>x</small> 04/07/2019 11:19 - DocsVault	<small>x</small> 05/07/2019 15:34 - DocsVault

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