

Product Technical Dossier

Product	ORG CCL ProEarth Organic Pumpkin Protein 60%
CCL Product Code	P0181

Specification Details

	Specification
Identification	Positive
Assay	Min 60% Protein (on dry basis) Min 57% Protein (as is)
Appearance	Flour/Powder
Colour	Green/Brown
Aroma	Characteristic
Flavour	Characteristic
Sieve Analysis % passed	Min 65% Pass 180µm

Microbiological Limits

Total Viable Count	Max 10,000cfu/g
Yeasts	Max 1,000cfu/g
Moulds	Max 1,000cfu/g
E. Coli	Negative/25g
Salmonella	Negative/375g
Enterobacteriaceae	<100cfu/g
Coliforms	<100cfu/g
Presumptive Bacillus cereus	<100cfu/g
Listeria monocytogenes	Negative/25g

Heavy Metal Limits

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

Additional Technical Information

Raw Material Full Botanical / Chemical Name	<i>Cucurbita pepo</i>
Part Used	Seed
The material is Food Grade	Yes
Country of Origin	Austria or East Europe
Country of Manufacture	Germany
Solubility in Water	Soluble, but not Stable
CAS Number	89998-03-8
EC/EINECS Number	289-741-0
Shelf Life from Date of Manufacture	Min 2 Years

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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
Organic Pumpkin Protein	-	100%	<i>Cucurbita pepo</i> Seed

Nutritional Data

Test	Value per 100g
Energy kJ / Kcal	1734 kJ / 414 kcal
Fat	12.8 g
-Of which Saturates	3.3 g
-Of which MUFA	3.9 g
-Of which PUFA	5 g
Carbohydrate	2.5 g
-Of which Sugars	2.5 g
Fibre	13 g
Protein* (N * 6.25, dry matter basis)	60 g (Minimum)
Protein* (N * 6.25, 'as is' basis)	57 g (Minimum), 59.3 g (Typical)
Salt	2.0 g
Phosphorus	1500 mg
Iron	>15 mg
Magnesium	700 mg
Zinc	15 mg
Manganese	5 mg

Please note that due to the nature of the ingredient, natural seasonal variations can be expected. Nutritional data is provided for information only and represents typical values.

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>	May Contain	Yes	On the same processing line. Due to Allergen Management System there is no critical level of this allergen in the product but very small traces cannot be excluded. We confirm that the product doesn't have to be labeled according to current defined action level.
Sesame Seeds and Sesame Seed Derivatives	No	No	N/A
Milk and Milk Derivatives (including lactose)	No	No	N/A
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, barley grass)</i>	Gluten<20ppm	No	Crop contamination due to the crop rotation planting in organic farming, wheat germs can be carried over despite selection of the kernels. The gluten content is therefore checked with each batch. We guarantee a gluten content < 20 ppm in accordance with applicable EU regulations.
Soya and Soya Derivatives	No	No	N/A
Lupin and Lupin Derivatives	May Contain	Yes	On the same processing line. Due to Environmental Monitoring Program and active Allergen Management including wet cleaning there is no critical level of this allergen in the product
Mustard and Mustard Derivatives	May Contain	Yes	On the same processing line. Due to Environmental Monitoring Program and active Allergen Management including wet cleaning there is no critical level of this allergen in the product



Celery or Celery Derivatives (including Celeriac)	May Contain	Yes	On the same processing line. Due to Environmental Monitoring Program and active Allergen Management including wet cleaning there is no critical level of this allergen in the product
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

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	Yes	No
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	Yes	No
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	Raw material is seed
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



Statements

<p>Confirmation of BSE / TSE Status This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.</p>	Yes
<p>This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.</p>	Yes
<p>Confirmation of GM Status This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under current regulations.</p>	Yes
<p>Confirmation of Non-Irradiation Status This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives.</p>	Yes
<p>Confirmation of Nandrolone Status This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.</p>	Yes
<p>Confirmation of IOC Product Status This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee) and or WADA.</p>	Yes
<p>Confirmation of Animal Testing Status This is to certify that all the products sold by Cambridge Commodities have not been tested on animals in any part of its manufacture in accordance with current regulations.</p>	Yes
<p>Confirmation of Pesticides Status This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.</p>	Yes
<p>Confirmation of Nanoparticles Status This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation, defines as follows: "Nanomaterial" means a natural, incidental or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm".</p>	Yes
<p>Packaging Status We hereby certify that the packaging used in the above-mentioned material conforms to EU regulations and subsequent amendments on food grade packaging</p>	Yes
<p>Confirmation of PAH status This is to certify that the above-mentioned product complies with the max PAH limits set by the EU regulations</p>	Yes

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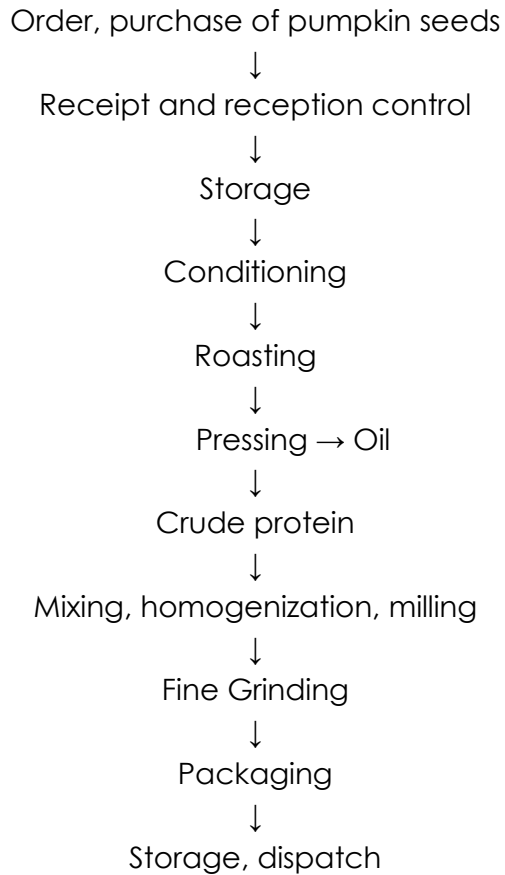
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Product Flow Chart



Material Safety Data Sheet

To download this product's material safety data sheet, please click [here](#) and search for the Cambridge Commodities product code. If there is no MSDS available, please follow the on-screen instructions to request one.

The Information provided in this document is subject to change and the batch specific certificate of analysis should always be referenced.

To be used as per local legislation.

Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A
2	Added 'PROEARTH®' to the product name. Added PROEARTH® logo. Reformatted Allergens and Additives / Contaminants / Dietary Requirements Tables.	Yes
3	Changed energy values from 414Kcal / 1734kJ to 388Kcal / 1623kJ. Reformatted allergen table to clearly present the information.	Yes
4	Removed Bulk Density 0.4 to 0.45 g/ml Changed Yeast & Moulds Max 1,000cfu/g to Yeast 1,000cfu/g & Moulds 1,000cfu/g, E Coli from Negative/g to Negative/25g, Salmonella from Negative/25g to Negative/375g & Shelf life from Min 1 Year to Min 2 Years Added Enterobacteriaceae <100cfu/g, Coliforms <100cfu/g, Presumptive Bacillus cereus <100cfu/g & Listeria monocytogenes Negative/25g Updated Allergen/Additives tables	Yes
5	Added a specification for protein (as is) as min 57% Updated nutritional data	Yes
6	Amended allergen table regarding gluten testing, updated flow chart	Yes



Document Approval

Originator		Approver	
	Alan Feetham QC Technician		C White Senior Quality Specialist
<small>x</small> 20/10/2023 09:54		<small>x</small> 20/10/2023 10:42	

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