

## Product Technical Dossier

Product	Volactive Ultrawhey 90 WPI (sunflower lecithin)
CCL Product Code	P10340

### Specification Details

	Specification	Method
Protein % (Nx6.38, dry matter)*	Min 91%	NIR (cal. to Dumas)
Appearance	Agglomerated Powder	Visual
Colour	White to Cream	Visual
Aroma	Characteristic	Organoleptic
Flavour	Characteristic	Organoleptic
Moisture	Max 5.5%	NIR (cal. to moisture balance)
Ash	Max 3%	NIR (cal. to oven, 550°C)
Bulk Density	Typically ~0.45	Tapped
pH	Min 5.8	pH meter (10% solution)
Lactose	Max 3%	NIR (cal. to HPLC)
Fat	Max 0.8%	NIR (cal. to Rose Gottlieb)
Insolubility Index, mL/50mL	Typically <0.50	Centrifuge (10% solution)
Scorched Particles	Typically Disc A	ADPI, bulletin 916

### Microbiological Limits

Total Viable Count	Max 10,000cfu/g	ISO 4833-1:2013
Enterobacteriaceae	<10cfu/g	ISO 21528-2:2004
Yeasts & Moulds	Max 20cfu/g	ISO 6611:2004
E. Coli	Not Detected/1g	ISO 16649-2:2001
Salmonella	Not Detected/25g	ISO 6579-1:2017
Staphylococcus aureus	<10cfu/25g	ISO 6888-1:1999

### Heavy Metal Limits

Lead (Pb)	Max 0.1ppm	
Cadmium (Cd)	Max 0.1ppm	
Mercury (Hg)	Max 0.1ppm	
Arsenic (As)	Max 0.3ppm	



## Additional Technical Information

Raw Material Full Botanical / Chemical Name	Whey protein isolate instantised with sunflower lecithin
Part Used	Milk – bovine
The material is Food Grade	Yes
Country of Origin	Great Britain and Ireland
Country of Manufacture	UK
Tariff Code	3502 2091
Shelf Life from Date of Manufacture	Min 18 Months
Suitable for Vegetarians?	Yes
Suitable for Vegans?	No
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
Whey Protein Isolate Powder	Ingredient	99.7%	Milk – bovine (May contain traces of sheep and goats' milk)
Sunflower Lecithin	Ingredient	0.3%	Sunflower

## Nutritional Data

Test	Value per 100g
Energy kJ / Kcal	1,563 kJ / 368 Kcal
Fat (g)	0.3g
- Of Which Unsaturated (g)	0.25g
- Of Which Monounsaturated Fatty Acids (g)	0.15g
- Polyunsaturated Fatty Acids (g)	0.05g
- Trans Fatty Acids (g)	<0.05g
- Saturated (g)	0.05g
Carbohydrate (g)	2.5g
- Of which Sugars (g)	2.5g
Dietary Fibre (g)	0g
Protein (g) (Nx6.38; dry matter basis)*	93.0g
Salt (g)	0.5g

### \*Protein declaration

The protein declaration of a product is strongly linked to the product application, the industry and/or the legal labelling requirements, according to Regulation (EU) No 1169/2011 on the provision of food information to consumers. The table below provides the different ways that the protein content of Volactive UltraWhey 90 instant sunflower can be declared.

	Typical	Min
Nx6.38; dry matter basis	93.0	91.0
Nx6.38; as is basis	88.8	86.0
Nx6.25; dry matter basis	91.1	89.1
Nx6.25; as is basis	87.0	84.2

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

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

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	No
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	No	No
Sesame Seeds and Sesame Seed Derivatives	No	No	No
Milk and Milk Derivatives (including lactose)	Yes	Yes	N/A
Egg and Egg Derivatives	No	No	No
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass)</i>	No	Yes	No
Soya and Soya Derivatives	No	Yes	Yes**
Lupin and Lupin Derivatives	No	No	No
Mustard and Mustard Derivatives	No	No	No
Celery or Celery Derivatives (including Celeriac)	No	No	No
Fish and Fish Derivatives	No	No	No
Molluscs and their Derivatives	No	No	No
Crustaceans and their Derivatives	No	No	No
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	No

\*\* Products containing soya lecithin are manufactured on the same line, however, thorough cleaning schedules are in place prior to running non-soya lecithin products, with reference to manufacture and storage.

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	No
Antioxidants	No	No	No
Ethylene Oxide	No	No	No
Gelatine	No	No	No
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	No	No
Maize / Corn and any Derivatives	No	No	No
Legumes / Pulses	No	No	No
Rice and Rice Derivatives	No	No	No
Added Salt	No	No	No
Added Sugar / artificial or natural sweeteners	No	No	No
Aspartame	No	No	No
BHA / BHT (E320 / E321)	No	No	No
Caffeine	No	No	No
Colours (Artificial / Nature Identical / Natural / Smoked)	No	No	No
Dextrose	No	No	No
other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	Yes	Yes	Lecithin form sunflower seeds
Kiwi fruit	No	No	No
Polyols (sugar alcohols)	No	No	No
grape fruit	No	No	No
Sorbic Acid (E200, E203)	No	No	No
Any other Preservatives	No	No	No
Ethanol	No	No	No
Honey	No	No	No
Lactose	Yes	Yes	N/A
Yeast and Yeast Derivatives	No	No	No
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	Yes – whey from milk	Yes	N/A
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	Yes	Yes	N/A

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## Statements

<p><b>Confirmation of BSE / TSE Status</b> 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><b>Confirmation of GM Status</b> 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><b>Confirmation of Non-Irradiation Status</b> 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><b>Confirmation of Nandrolone Status</b> 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><b>Confirmation of IOC Product Status</b> 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><b>Confirmation of Animal Testing Status</b> 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><b>Confirmation of Pesticides Status</b> This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.</p>	Yes
<p><b>Confirmation of Nanoparticles Status</b> 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><b>Packaging Status</b> 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><b>Confirmation of PAH status</b> 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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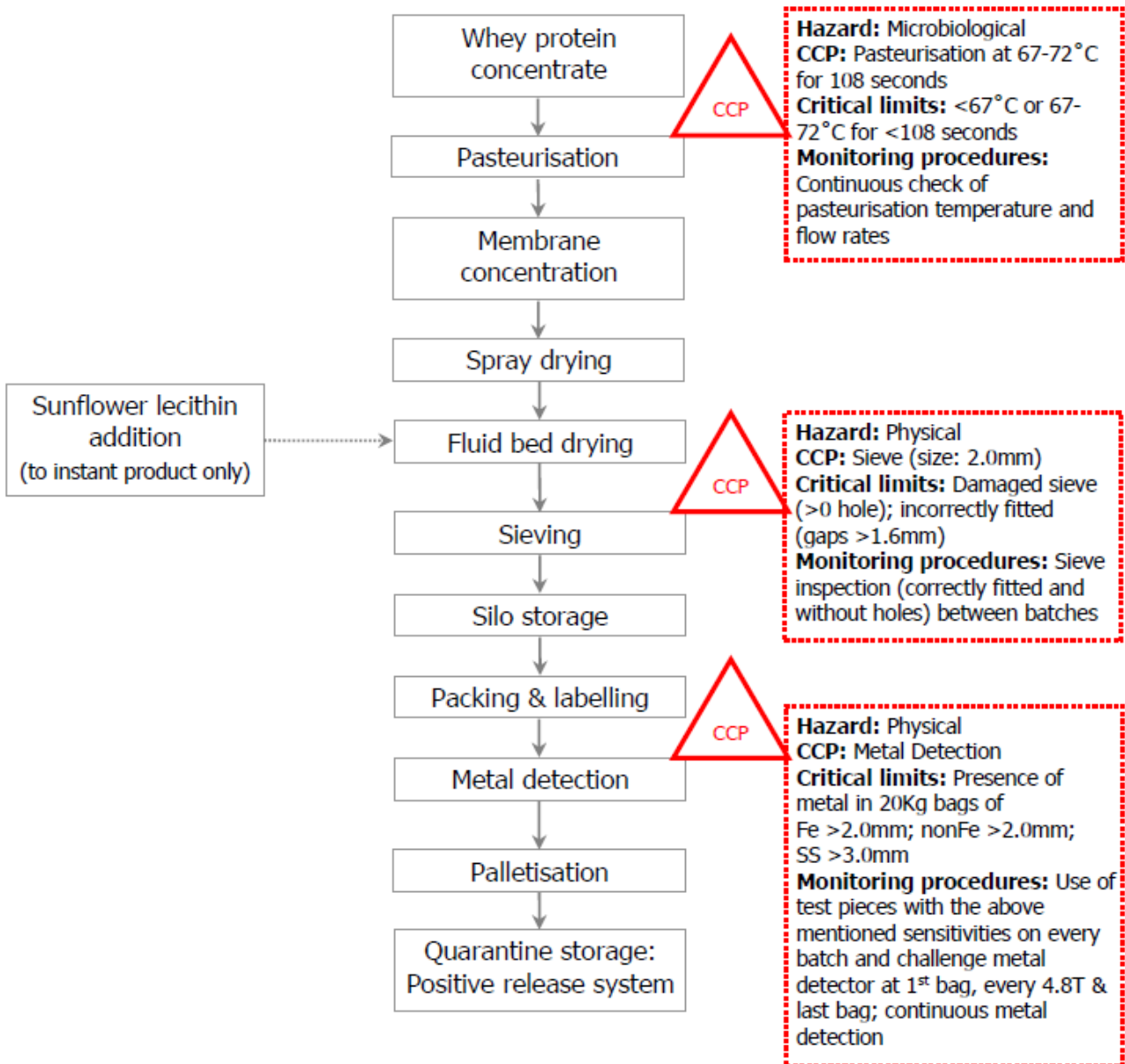
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## Product Flow Chart



## 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	Confirmed lecithin is sourced from sunflower seed and amended additives tables accordingly	Yes

### Document Approval

Originator	Approver

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