

PRODUCT TECHNICAL DOSSIER

ULTRA WHEY XP INSTANT

Product Code:

P2022

Raw Material Full Name:

Ultra Whey XP Instant

This material is Food Grade:

✓

Vegan / Vegetarian Status:

Vegetarian ✓

Vegan X

Limit/Range/Specification:

Protein % (Nx6.38, dry matter basis) Min 92 %

Solubility in Water:

Soluble (Insolubility Index < 0.20mL/50mL)

Bulk Density:

0.44 g/mL

pH:

Approximately 6.2 (Min 5.8)

Loss on Drying:

Max 5.5%

Residue on Ignition:

Max 3%

Lactose:

Max 0.9%

Country of Origin:

Europe

Country of Manufacture:

United Kingdom

Product Code: P2022

Version: 3

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success starts with the finest ingredients...

Base Source/Start Material:

Sweet cheese whey

Origin of Product – Synthetic, Plant, Mineral, Animal, Fish or Fermented:

Animal origin – cow's milk

Plant – soy lecithin

Solvents used:

None

What is the extraction/processing used? What solvents are used and at what ratio's?

Cross-flow membrane filtration

Compound Ingredients Origin, Function and Percentages:

Whey protein isolate powder 99.6%

Soya lecithin (E322) 0.4%

Shelf Life from Date of Manufacture:

18 Months

Storage Conditions:

To be stored in a tightly sealed bag/container and to be kept in a cool place away from moisture and direct sunlight

Appearance (Fine/Crystals/Crystalline/Hygroscopic):

Agglomerated powder

Colour:

White to cream

Flavour/Taste:

Characteristic

Odour:

Characteristic



Microbiological Test

Total Viable Count:

Max 10,000 cfu/g

Yeast & Moulds:

Max 100 cfu/g

E.Coli:

Not detected in 25g

Salmonella:

Not detected in 375g

Enterobacteriaceae:

Max 10 cfu/g

Staphylococcus aureus:

Max 10 cfu/25g

Aflatoxin M1 (Tested Periodically):

Max 0.02 ppb

Heavy Metals

Lead (Pb):

Max 0.02 ppm

Cadmium (Cd):

Max 0.1 ppm

Mercury (Hg):

Max 0.05 ppm

Arsenic (As):

Max 0.25 ppm



PAHs (Polycyclic Aromatic Hydrocarbons) (Tested Periodically):

Max 2 ppb

Dioxins (Tested Periodically)

Sum of Dioxins (WHO-PCDD/F-TEQ):

0.05 pg/g fat

Sum of dioxins and dioxins-like PCBs (WHO-PCDD/F-PCB-TEQ):

0.11 pg/g fat

There are no nuts in this recipe; however we cannot guarantee that the raw materials entering the site are nut free.

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



ALLERGENS	Product Free From YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Free from Peanuts and Peanut Derivatives (There are no nuts in this recipe, however CCL cannot guarantee that the raw materials entering the site are nut free.)	YES	NO	
Free from other 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> (There are no nuts in this recipe, however CCL cannot guarantee that the raw materials entering the site are nut free.)	YES	NO	
Free from Sesame Seeds and Sesame Seed Derivatives	YES	NO	
Free from other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	YES	NO	
Free from Milk and Milk Derivatives (including lactose)	NO	YES	Product contains protein and lactose from milk
Free from Egg and Egg Derivatives	YES	NO	
Free from Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten (<i>wheat, wheatgrass, furo, freekeh, spelt, kamut, rye, oats, barley, barley grass</i>)	YES	YES	Wheat gluten is on site
Free from Soya and Soya Derivatives	NO	YES	Product contains soya lecithin. Soya protein concentrate is on site
Free from Lupin and Lupin Derivatives	YES	NO	
Free from Mustard and Mustard Derivatives	YES	NO	
Free from Celery or Celery Derivatives (including Celeriac)	YES	NO	
Free from Fish and Fish Derivatives	YES	NO	
Free from Molluscs and their Derivatives	YES	NO	
Free from Crustaceans and their Derivatives	YES	NO	
Free from Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	YES	NO	



ADDITIVES / CONTAMINANTS / DIETARY REQUIREMENTS	Product Free From YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Free from Additives	YES	NO	
Free from Antioxidants	YES	NO	
Free from Ethylene Oxide	YES	NO	
Free from Gelatine	YES	NO	
Free from Flavourings (Artificial / Nature Identical / Natural / Smoked)	YES	NO	
Free from Maize / Corn and any Derivatives	YES	NO	
Free from Legumes / Pulses	YES	NO	
Free from Rice and Rice Derivatives	YES	NO	
Free from Added Salt	YES	NO	
Free from Added Sugar / artificial or natural sweeteners	YES	NO	
Free from Aspartame	YES	NO	
Free from BHA / BHT (E320 / E321)	YES	NO	
Free from Caffeine	YES	NO	
Free from Colours (Artificial / Nature Identical / Natural / Smoked)	YES	NO	
Free from Dextrose	YES	NO	
Free from Dioxins	NO	YES	See page 4 for the maximum of dioxins
Free from MSG (Added and Naturally Occurring E621) or Glutamates (E620 to E625)	YES	NO	
Free from Nucleotides (E627, E630, E631, E635)	YES	NO	
Free from Polyols (sugar alcohols)	YES	NO	
Free from Benzoates (E210 / E219)	YES	NO	
Free from Sorbic Acid (E200, E203)	YES	NO	
Free from any other Preservatives	YES	NO	
Free from Ethanol	YES	NO	
Free from Honey	YES	NO	
Free from Lactose	NO	YES	Product contains lactose
Free from Yeast and Yeast Derivatives	YES	NO	
Free from All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	NO	YES	Cow's milk is used for manufacturing
Free from Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	NO	YES	



NUTRITIONAL DATA

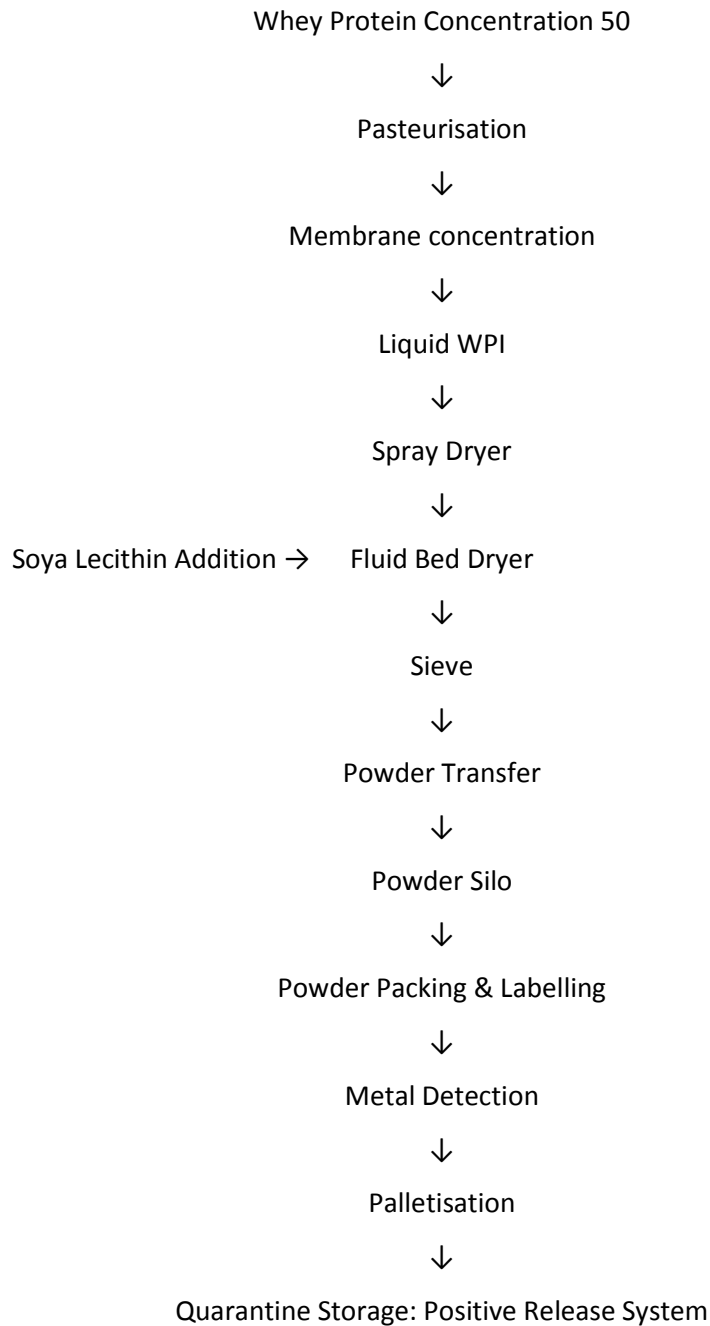
Test	Calculated Value per 100gm
Energy KJ / Kcal	1,546 KJ / 364 Kcal
Fat	0.3 g
- Of which saturates	0.05 g
Carbohydrate	0.5 g
- Of which sugars	0.5 g
Fibre	0
Protein	94 g
Salt	0.5 g
Calcium	500 mg
Potassium	450 mg
Phosphorus	220 mg
Magnesium	100 mg
Chloride	100 mg

TOTAL AMINO ACID PROFILE

Amino Acid	% of Total Amino Acid Profile
Alanine	5.0
Arginine	2.1
Aspartic acid	11.0
Cystine	2.2
Glutamic Acid	18.1
Glycine	1.4
Histidine	1.7
Isoleucine	6.4
Leucine	10.6
Lysine	9.6
Methionine	2.2
Phenylalanine	3.0
Proline	5.5
Serine	4.6
Threonine	6.7
Tryptophan	1.4
Tyrosine	2.6
Valine	5.9



PRODUCTION FLOW CHART



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.

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.

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 regulations 1829/2003/EC and 1830/2003/EC.

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 1999/3/EC.

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.

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.

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 regulation 86/609/EEC.

CONFIRMATION OF PESTICIDES STATUS

This is to certify that the above-mentioned product complies with the regulation (EC) No.396/2005 of 23rd February 2005 and commission Regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.

CONFIRMATION OF NANOPARTICLE STATUS

This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation 2011/696/EU, 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".



MATERIAL SAFETY DATA SHEET

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

Product Name: Ultra Whey XP instant
Product Code: P2022
Company: Cambridge Commodities Limited
Lancaster Way, Ely, Cambridgeshire, CB6 3NX
Tel: 01353 667258. Email: qa@c-c-l.com

Section 2 Hazards Identification

Not applicable.

Section 3 Composition/Information on Ingredients

Protein (Nx6.38, dry matter) Min 92%
Soya lecithin

Section 4 Emergency and First Aid Measures

Eye contact: Irrigate thoroughly, for at least 15 minutes, with clean water
Skin contact: Wash with soap and water
Ingestion: Not applicable
Inhalation: In the event of discomfort, remove patient from exposure

Section 5 Fire-fighting measures

Non-flammable.
Extinguishing media: Water, fog or spray. Do not use direct water jet.

Section 6 Accidental Release Measures

Spillage: Do not allow product to enter drains or waterways. Scoop up into dry, clean containers and arrange for disposal via an authorised waste handler.

Section 7 Handling and Storage

Handling: No known hazard
Storage: Keep dry in original container, tightly closed. Store below 25°C and 65% relative humidity. Keep away from sources of extreme temperature and direct sunlight



Section 8 Exposure Controls/Personal Protection

Respiratory protection: Use respiratory protective equipment as necessary
Hand protection: Handle in accordance with good hygiene practices
Eye protection: Not necessary
Body protection: Not necessary

Section 9 Physical and Chemical Properties

Appearance: White to cream, agglomerated powder
Smell: No distinctive odour
pH (10% solution): 5.8 – 6.8
Boiling point: Not determined
Melting point: Not determined
Flash point: Not determined
Ignition temperature: Not determined
Explosion hazard: All organic powders may present an explosion hazard when dispersed in air.
Observe precautions as set out in H&SAW Publication 22 HMSO 1973.
Density: 0.44 g/mL (Tapped)

Section 10 Stability and Reactivity

Not applicable.

Section 11 Toxicological Information

Non-toxic. This product is a food and complies with the requirements of all relevant EU Food Legislation.

Section 12 Ecological Information

Biodegradability: Not determined
Bioaccumulation potential: Not determined

Section 13 Disposal Considerations

Consult information at Section 'Accidental Release'

Section 14 Transport Information

This product is not classified as dangerous.



Section 15 Regulatory Information

R phrases: Nil

S phrases: Nil

Section 16 Other Information

This advice is given by Cambridge Commodities Ltd who accepts no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

This material does not require Safety Data Sheets - based on Article 2 (6) of REACH Regulation 2006/1907 which states that the requirement for a safety data sheet does not apply to food or feeding-stuffs in the finished state.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown.


This 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	Total Amino Acid Profile has been added	No
3	Changed yeasts and moulds from 50cfu/g to 100cfu/g to comply with suppliers specifications	yes

Document Approval

Originator Job Title	QC Technician	Approver Job Title	Quality Specialist
<i>Alan Feetham</i>		 Shannon McKenna (Jan 18, 2017)	







P2022-Ultra Whey XP Instant-Technical Dossier

Adobe Sign Document History

01/18/2017

Created:	01/16/2017
By:	Alan Feetham (alan.feetham@c-c-l.com)
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