

PRODUCT TECHNICAL DOSSIER

MPI - 92% MICELLAR CASEIN 87% PROTEINS

Product Code:

P35047

Raw Material Full Name:

Milk Protein Isolate

This material is Food Grade:

Yes

Vegan / Vegetarian Status:

Suitable for vegetarians, not vegans.

Protein on Dry Matter:

Min 87%

Casein micelles/Proteins:

Approximately 92%

Bulk Density:

Approximately 0.3g/cm³

Moisture:

Max 6%

Residue on Ignition:

Max 8.5%

Country of Origin:

Switzerland or France

Base Source/Start Material:

Milk

Material is:

100%

Compound Ingredients Origin, Function and Percentages:

None



Shelf Life from Date of Manufacture:

Min 18 Months

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.

Appearance (Fine/Crystals/Crystalline/Hygroscopic):

Free Flowing Powder

Colour:

Creamy White

Flavour/Taste:

Characteristic

Odour:

Characteristic

Microbiological Test

Total Viable Count:

Max 50,000cfu/g

Yeast & Moulds:

Max 30cfu/g

E. coli:

Negative

Salmonella:

Negative

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 Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	
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>	No	No	
Sesame Seeds and Sesame Seed Derivatives	No	No	
Other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	No	
Milk and Milk Derivatives (including lactose)	Yes	Yes	Product is Milk Protein
Egg and Egg Derivatives	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	No	
Soya and Soya Derivatives	No	No	
Lupin and Lupin Derivatives	No	No	
Mustard and Mustard Derivatives	No	No	
Celery or Celery Derivatives (including Celeriac)	No	No	
Fish and Fish Derivatives	No	No	
Molluscs and their Derivatives	No	No	
Crustaceans and their Derivatives	No	No	
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	



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

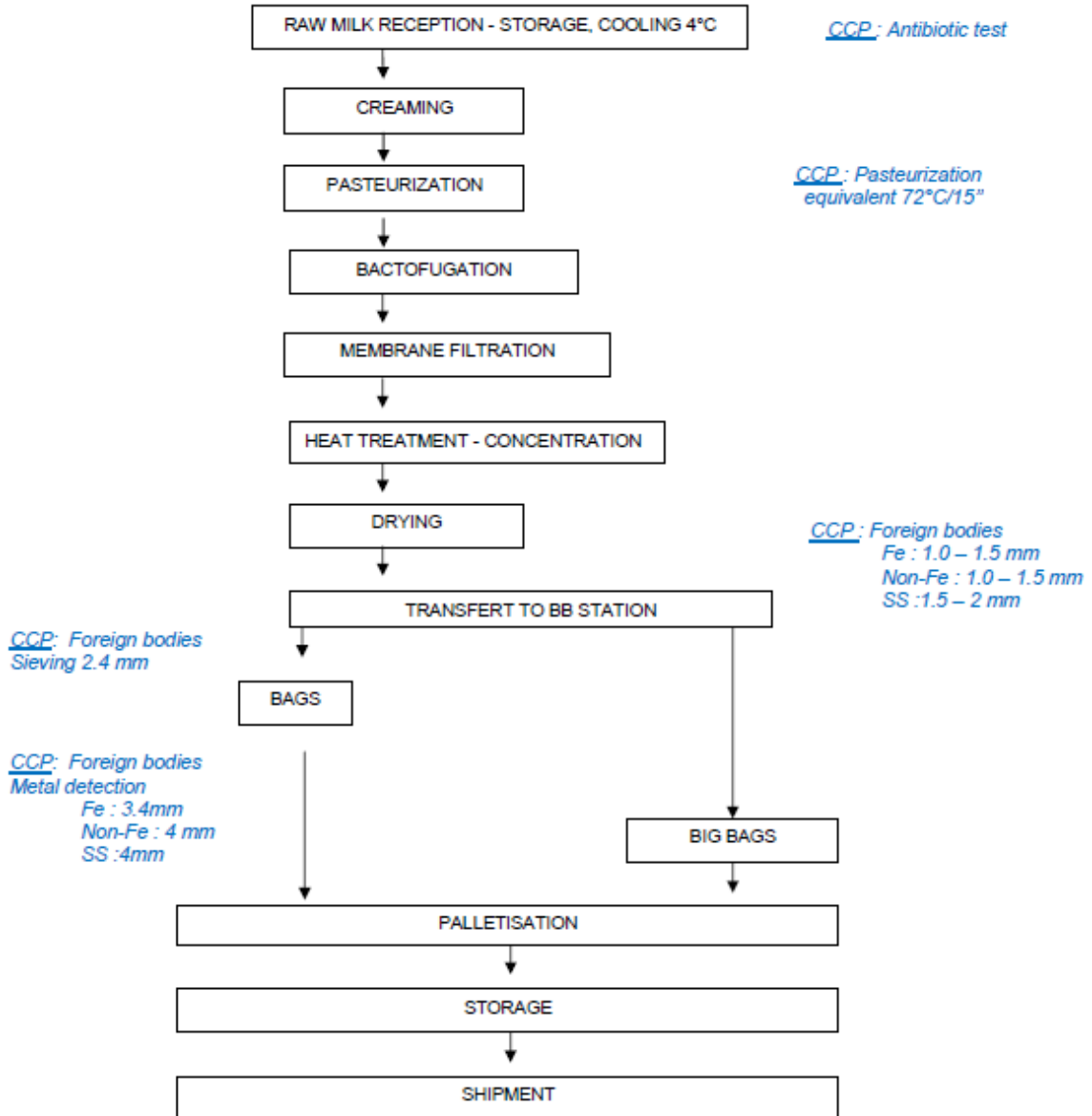


NUTRITIONAL DATA

Test	Calculated Value per 100gm
Energy KJ / Kcal	1518 KJ / 358 Kcal
Fat (g)	1.5
- Of which saturates (g)	0.94
Carbohydrate (g)	3
- Of which sugars (g)	3
Fibre (g)	0
Protein (g)	83
Salt (g)	0.5



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: MPI - 92% Micellar Casein 87% Proteins
Company: Cambridge Commodities Limited
Lancaster Way, Ely, Cambridgeshire, CB6 3NX
Tel: 01353 667258. Email: qa@c-c-l.com

Section 2 Hazards Identification

Non dangerous product in normal conditions of use.

Section 3 Composition/Information on Ingredients

Nature of substance: Milk protein.

Section 4 Emergency and First Aid Measures

In case of contact with eyes: Immediately flush with running water for at least 15 minutes.
In case of contact with skin: Wash contaminated skin with soap and water. If symptoms, take medical advice.
In case of inhalation: Breathe fresh air. If symptoms, take medical advice.

Section 5 Fire-fighting measures

Extinguish using standard fire-fighting measures.

Section 6 Accidental Release Measures

Individual protection: Gloves, glasses.
Remove the material by aspiration. If needed, wash the surfaces with water.

Section 7 Handling and Storage

Handling: No risk. Do not smoke near the product.
Store in a dry place, unopened in the original packaging.
Temperature: maximum 25°C – Relative Humidity: maximum 70%.

Section 8 Exposure Controls/Personal Protection

Protection of hands: Gloves. Protection of eyes: Glasses.

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success starts with the finest ingredients...

Section 9 Physical and Chemical Properties

Physical appearance: Powder
Colour: Creamy white
Bulk density: 0.3g/cm³

Section 10 Stability and Reactivity

Conditions to avoid: Storage in light without control of temperature and hygrometry
Dangerous products: None

Section 11 Toxicological Information

Non-toxic product in normal conditions of use. Contact with eyes causes irritation. Contact with skin can cause irritation

Section 12 Ecological Information

Precautions for environmental protection: Remove the material by aspiration. Avoid the pollution of sewer.

Section 13 Disposal Considerations

Recover and place material in a suitable container for intended use or disposal. Ensure disposal complies with government requirements and local regulations.

Section 14 Transport Information

Not Applicable

Section 15 Regulatory Information

The product is not classified as dangerous according to EU 1907/2006 regulation.



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.

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.

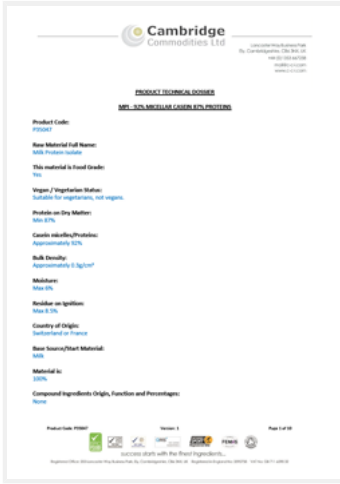
Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A

Document Approval

Originator Job Title	QC Team Leader	Approver Job Title	Quality Specialist
 Ash Bean (Jul 10, 2017)		 Casey White (Jul 10, 2017)	











P35047 - MPI - 92% Micellar Casein 87% Proteins - Technical Dossier

Adobe Sign Document History

07/10/2017

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