

**PRODUCT TECHNICAL DOSSIER**

**PROEARTH® RICE PROTEIN**

**Product Code:**

P18113

**Raw Material Full Name:**

Rice Protein

**This material is Food Grade:**

✓

**Vegan / Vegetarian Status:**

✓

**Protein (ISO 1871):**

Min 79.0%

**Particle Size:**

150 Microns

**Percentage passed through (Laser Diffraction):**

Min 92%

**Loss on Drying (ISO 712):**

Max 12.0%

**Residue on Ignition (ISO 2171):**

Max 2.0%

**Fat (ISO 11085):**

Max 5.0%

**Countries of Origin:**

Argentina, Laos, Brazil, Myanmar, Bulgaria, Pakistan, Cambodia, Paraguay, Chile, Portugal, Egypt, Russia, France, Spain, Greece, Thailand, Guyana, Turkey, Kazakhstan, Uruguay, Italy, Mauritius and Vietnam (depending on availability)

**Country of Origin of the Manufacture:**

Europe

**Base Source/Start Material:**

Broken White Rice



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

Plant

**Material is:**

100%

**Compound Ingredients Origin, Function and Percentages:**

None

**Shelf Life from Date of Manufacture:**

Min 2 Years

**Storage Conditions:**

Product has to be stored in its unopened original packaging in a dry place.

**Appearance (Organoleptic):**

Powder

**Colour (Organoleptic):**

Beige to Light Brown (\*\*)

**Flavour/Taste (Organoleptic):**

Characteristic

**Odour (Organoleptic):**

Characteristic

**Do any of the parameters change in different seasons?**

Yes (\*\*) Please note the colour of this natural material could be subject to slight change due to many factors such as seasonal variations.

**Microbiological Test**

**Total Viable Count (ISO 4833):**

Max 50,000cfu/g

**Yeast & Moulds (ISO 21527):**

Max 1,000cfu/g

**Enterobacteriaceae (ISO 21528):**

Max 500cfu/g



**E. Coli (ISO 16649):**

Negative/g

**Salmonella (ISO 6579):**

Negative/25g

**Heavy Metals**

**Lead (Pb) (GF-AAS):**

Max 3ppm

**Cadmium (Cd) (GF-AAS):**

Max 1ppm

**Mercury (Hg) (CV-AAS):**

Max 0.1ppm

**Arsenic (As) (ICP-MS):**

Max 1ppm

All batches are tested and approved for identification with FTIR before being released to customers.

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.

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 illinoiesis (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)	No	No	
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	Yes	<10ppm



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	Yes	Yes	Source is broken rice
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.)	No	No	
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	

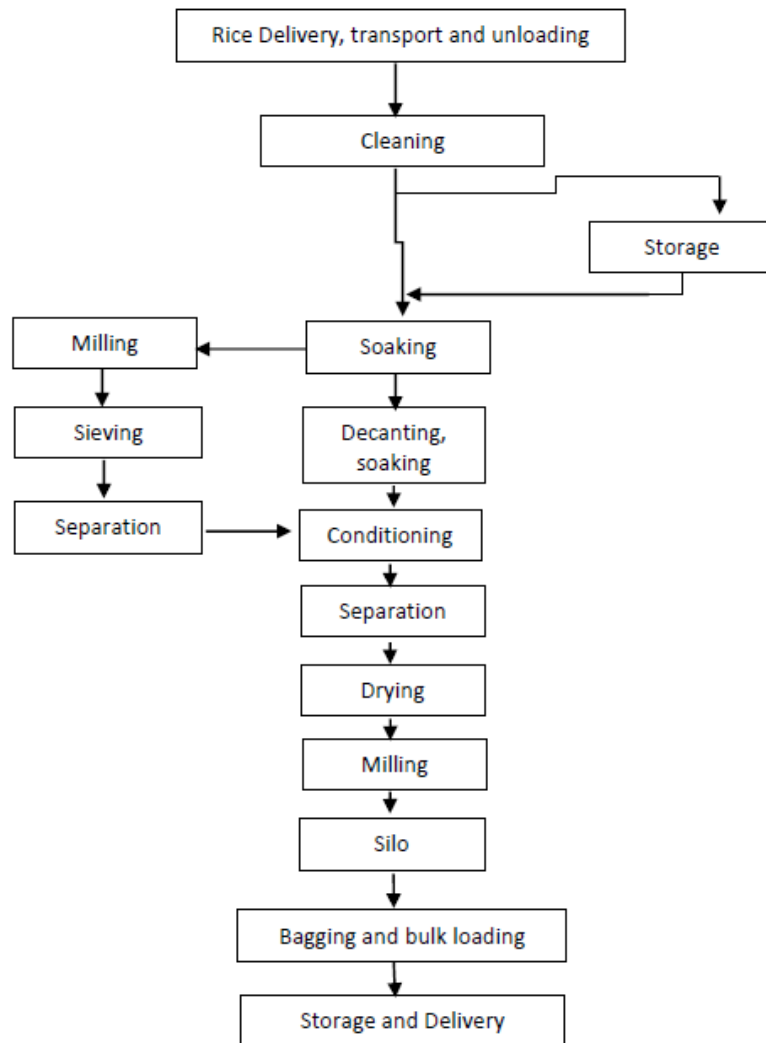


### NUTRITIONAL DATA

Test	Calculated Value per 100gm
Energy KJ / Kcal	1656KJ / 391Kcal
Fat	5g
- Of which saturates	2g
Cholesterol	0g
Carbohydrate	6g
- Of which sugars	0g
Fibre	3.2g
Protein	79g
Salt	0.25g (0.10g)
Calcium	6.1mg
Iron	1.8mg
Phosphorous	500mg
Potassium	7.8mg
Magnesium	0.35g



## 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: Rice Protein  
Product Code: P18113  
Company: Cambridge Commodities Limited  
Lancaster Way, Ely, Cambridgeshire, CB6 3NX  
Tel: 01353 667258. Email: qa@c-c-l.com

### Section 2 Hazards Identification

Not hazardous.

### Section 3 Composition/Information on Ingredients

Chemical Nature: Rice Protein. There are no impurities contributing to the hazard.  
GMO Free.

### Section 4 Emergency and First Aid Measures

Effect by inhalation: Not hazardous.  
Effect by skin contact: Not hazardous.  
Effect by eye contact: Not hazardous.  
Effect by ingestion: Not hazardous.

### Section 5 Fire-fighting measures

Extinguishing Media: Water  
Specific Hazards: No further special measures required  
Specific Methods: Any fire extinguisher may be used on nearby fires.  
Protection of fire fighters: N/A  
Note: Dust explosion is possible.

### Section 6 Accidental Release Measures

Personal Precautions: None  
Environmental Precautions: Harmless  
Methods for cleaning up: None



## Section 7 Handling and Storage

Handling:	Technical Measures: None Precautions: None Safe Handling Advice: None
Storage:	Storage Conditions: Store in a dry warehouse, free from odours, rodents and insects. Incompatible Products: N/A Packaging Materials: Multiple Paper Bags

## Section 8 Exposure Controls/Personal Protection

Control Parameters:	Moisture: Max 12% Ash: Max 2% Protein: Min 79%
Respiratory Protection:	Not hazardous
Hand Protection:	Not hazardous
Eye Protection:	Not hazardous
Skin and Body Protection:	Not hazardous

## Section 9 Physical and Chemical Properties

Physical State:	Powder
Colour:	Beige to Light Brown (**)
Solubility:	Insoluble in Cold Water
pH:	Light Acid

## Section 10 Stability and Reactivity

No data available.

## Section 11 Toxicological Information

There are no toxicological effects of the product.

## Section 12 Ecological Information

No data available.

## Section 13 Disposal Considerations

Rice Protein is a harmless product, so there is no need for recommended methods for safe disposal.



## Section 14 Transport Information

Not hazardous.

## Section 15 Regulatory Information

Labelling EU: Rice Protein  
R/S Phrases: None

## 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
2	Changed mercury content from 0.5 to 0.1 to conform with supplier's specifications	yes
3	Amended clerical error in nutritional specification	Yes
4	Specified type of rice used as source.	No
5	Updated format of allergen and additive tables	No
6	The country of origin was changed to countries of origin, listing a number of different origins. The name was also changed to Rice Protein, and the amino acids data was removed. Lastly an E. coli and Salmonella limit were added.	Yes
7	Added 'ProEarth® 'to the product name. Added ProEarth® logo. Changed Total Viable Count from Max 10,000cfu/g to Max 50,000 cfu/g. Changed E. Coli from Max 10cfu/g to Negative/g.	Yes
8	Added a number of methods to the parameters, the nut statement was amended and an FTIR statement was added.	Yes

## Document Approval

Originator Job Title	Quality Specialist	Approver Job Title	Assistant Quality Manager
<i>Matthew Vincent</i>		<i>Richard Cecil</i>	












# P18113-PROEARTH® Rice Protein -Technical Dossier(1)

Adobe Sign Document History

06/04/2018

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