



Product Technical Data Sheet

Productname:  Rice Protein 85% Concentrate

Product Code: SH07002a

Item	Standard	Analysis Method
Appearance & Solubility		
Appearance	Powder of faint yellow	
Organoleptic	No special taste and odour	
Particle Size	80% through 300 mesh	Sieve
Typical Analysis		
Protein	≥ 85%	AOAC 984.13 1994
Fat	≤ 8%	AOAC 963.15 1973
Loss on Drying	≤ 5%	AOAC 935.29 1935
Residue on Ignition	≤ 5%	AOAC 923.03 1923
Heavy metals		
Total Heavy Metals	≤20 ppm	BS EN ISO 17294-2 2016
Lead	≤0.2 ppm	BS EN ISO 17294-2 2016
Arsenic	≤0.2 ppm	BS EN ISO 17294-2 2016
Cadmium	≤0.15 ppm	BS EN ISO 17294-2 2016
Mercury	≤0.05 ppm	BS EN ISO 17294-2 2016
Microorganism		
Total plate count	≤5,000 cfu/g	ISO 4833-1:2013
Total Molds & Yeasts	≤50 cfu/g	ISO 21527-2:2018
Coliforms	≤10 cfu/g	ISO 21528-2-2017
E.Coli	N.D	ISO 16649-2:2001
Salmonella	N.D	ISO 6579-1:2017
Staphylococcus aureus	N.D	ISO 6888-1:2021
Ochratoxin A	≤5 ppb	DIN EN 14132-2009
Storage & Shelf Life		
Package	20 kg/bag with Kraft Bags	
Storage & Shelf Life	Product has to be stored in its unopened original packaging in a dry place, free from direct sunlight, insects and rodents. Under these conditions the product can be stored for 2 years.	

2.Origin & ingredient

Country of origin of the product: China

Origin statement: available ☒

This product is a pure material ☒		This product is a compound material ☐	
Botanical Origin	Botanical Name:	Rice	
	Part:	/	
	Wild Or Cultivated:	Cultivated	
	Country Of Origin:	China	
	Solvent Used:	/	

3. Nutrition Data

Nutritional Composition	☒ Per 100g ☐ Per Serving
☐ Energy(Kj) ☒ Energy(Kcal)	408.91
Fat(G)	5.19
Carbohydrates(G)	5.55
Protein(G)	85.0
Sodium (Mg)	0
Remarks: Nutrition Data Are Obtained By 3 rd Party Lab; Tested On A Yearly Basis	

4. Composition

Rice Protein Powder	100%
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5. GMO declaration

	Conforms	Not Conforms
The product does not contain or consist of GMO	☒	☐
The product is not produced from GMO or not contain ingredients produced from GMO (irrespective of whether there is NDA or protein of GM origin in the final production)	☒	☐
This product is not produced by means of GM microorganism including precursor substances, e.g. with GMOs or Genetically Modified microorganisms processing aids(bacteria, yeast,...)	☒	☐
This product is not produced with the help of enzymes, which were obtained from GMOs	☒	☐
Does the product contain any ingredients from animal?	☐	☒
If yes, are genetically modified crops contained in the feed for the animal?	☐	☒
We confirm that this product complies with regulations EC 1829/2003 and EC 1830/2003 and keep NON-GMO statement available		☒

6. Allergen declaration

We have carefully reviewed this product according to EU Regulation 1169/2011 and modifications and confirm the following:

	Direct incorporation as a base raw material or in a derivative form (don't forget the carriers, the additives and the processing aids)		CROSS CONTAMINATION					
			Presence on the production line		Presence on the production workshop		Presence on the production factory	
	Yes (precise nature)	No	Yes (precise the nature)	No	Yes (precise the nature)	No	Yes (precise the nature)	No
Cereals containing gluten(1) and products thereof		N		N		N		N
Crustaceans and products thereof		N		N		N		N



Eggs and products thereof		N		N		N		N
Fish and products thereof (2)		N		N		N		N
Peanuts and products thereof		N		N		N		N
Soybeans and products thereof (3)		N		N		N		N
Milk and products thereof (including lactose)(4)		N		N		N		N
Nuts (5) or products thereof		N		N		N		N
Celery and products thereof		N		N		N		N
Mustard and products thereof		N		N		N		N
Sesame seeds and product thereof		N		N		N		N
Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10 mg/l expressed as SO ₂		N		N		N		N
Lupines and products thereof		N		N		N		N
Mollusc and product thereof		N		N		N		N

7. NON IRRADIATION

(According to EU directive 1999/2/EC & 1999/3/EC)

This product has not been treated with ionising radiation	☒ Conforms	☐ Not Conforms
None of the raw materials we used for this product have been treated with ionising radiation.	☒ Conforms	☐ Not Conforms
We confirm above Non-Irradiation statement is available	☒	

8. NANOMATERIAL

(according to EU Regulation (EU) No. 1169/2011)

This product does not contain any nanomaterials as defined in EU food legislation	☒ Conforms	☐ Not Conforms
This product has not been made with nanotechnology	☒ Conforms	☐ Not Conforms
We confirm above Non-Nanomaterial statement is available	☒	

9. Residual solvents

(according to UE Directive 2009/32 modified by (UE)2010/59; EP5.4; USP476; ICH Q3C(R7))

For this product following solvents are used during production process:	☐ solvent used	
Solvent A: max residual level:	☒ solvent not used	
We confirm solvent residual of this product complies with:	☒ EP5.4 ☒ USP <476> ☒ ICH Q3C(R7) ☒ Directive 2010/59/EU ☒ NA	
We confirm Solvent residual statement is available	☒	

10.BSE/TSE information

(according to EU legislation 999/2001; EP general chapter 5.2.8)

Cattle, sheep, goats and animals that are naturally susceptible to infect with transmissible spongiform

encephalopathy agents or susceptible to infection through the oral route other than humans and non-human primates are defined as “BSE-relevant animal species

Pigs and birds are not naturally susceptible to infection via the oral route; therefore, they are not TSE-relevant animal species. Dogs, rabbits and fish are not TSE-relevant animal species.”

the product contains no ingredients of ruminant origin and no materials derived from, or exposed to ruminants affected by or under quarantine for Transmitting Transmissible Spongiform Encephalopathy (TSE) / Bovine Spongiform Encephalopathy (BSE)

☒ Conforms
☐ Not Conforms

In the manufacturing of this product, there is no any raw or source material and /or reagent used that is of animal origin i.e. bovine, serum-albumin, enzymes, culture broths including those used to prepare working or master cell tanks

☒ Conforms
☐ Not Conforms

Equipment/systems/tools use for processing or storage of the material do not come into contact at any time with materials of animal origin (e.g., components of media filler used to check such system)

☒ Conforms
☐ Not Conforms

The material is not purified by using solvents, chromatographic media or buffers that contain components of animal origin

☒ Conforms
☐ Not Conforms

We confirm BSE/TSE statement is available

☒ YES

11.Contaminants information

(according to UE regulation NO.1881/2006 and NO.629/2008 as regards maximum levels for certain contaminants in foodstuff)

- Aflatoxin B1 <5ppb
- Aflatoxins B1 + B2 + G1 + G2 <10ppb
- Ochratoxin A <5ppb

☒ Conforms
☐ NO
☐ NA

- Melamine - Negative

☒ Conforms

For polycyclic aromatic hydrocarbons, in cocoa fibre, banana chips, food supplements and their preparations, dried herbs *and dried spices*:

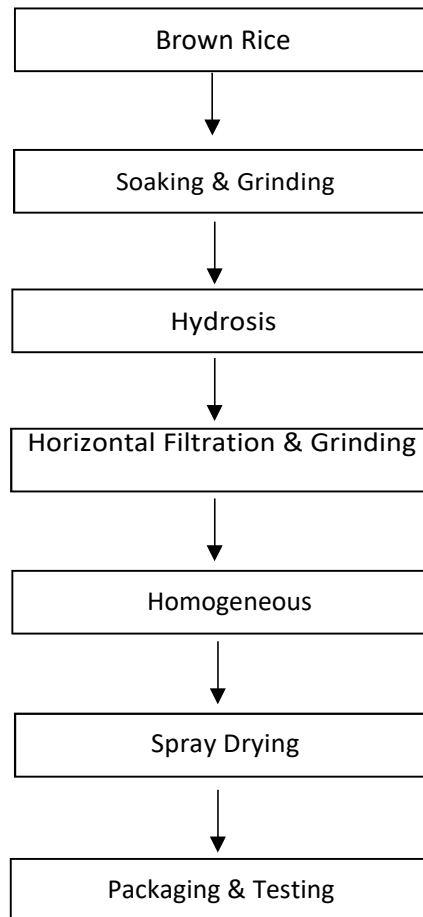
- Maximum level of 10 µg/kg of benzo(a)pyrene
- 50 µg/kg for the sum of PAH4 (PAH4; benzo[a]pyrene, chrysene, benz[a]anthracene and benzo[b]fluoranthene) in food supplements

☒ Conforms
☐ NO
☐ NA

We confirm this product complies with NO.1881/2006 and NO.629/2008 and keep compliance statement available

☒ YES

Flow Chart





Material Safety Data Sheet

1. Identification of the substance

1.1 Product

Product Name: Rice Protein 85% Concentrate

Product Code: SH07002a

1.2 Relevant identified uses of the substance or mixture and uses advised against

Food ingredient; Food supplement ingredient.

1.3 Supplier: Smartherb

1.4 CAS No: 160872-27-5

2. Hazards identification

2.1 Classification of the substance or mixture

Not classified according to Regulation (EC) No.1272/2008 (CLP).

2.2 Label elements

None required.

2.3 Other hazards

Dust may cause mechanical irritation. Does not meet PBT/vPvB criteria. No endocrine disrupting properties identified.

3. Composition

Rice Protein Concentrate (Protein $\geq 85\%$). No hazardous ingredients requiring declaration.

4. FIRST AID MEASURES

4.1 Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.

4.2 Skin Contact: Wash affected area with plenty of water. Seek medical attention if irritation persists.

4.3 Eye Contact: Rinse thoroughly with water for at least 15 minutes. Seek medical attention immediately.

4.4 Ingestion: Do not induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

5.1 Flash Point: N/A

5.2 Autoignition Temperature: N/A

5.3 Fire Extinguishing Media: Use appropriate media for type of fire.

5.4 Special Hazards: None known.



6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: Wear appropriate protective equipment.

6.2 Environmental Precautions: Prevent entry into waterways, sewers, or basements.

6.3 Methods for Containment and Cleanup: Contain spill and absorb with inert material. Dispose of according to local regulations.

7. HANDLING AND STORAGE

7.1 Handling: Avoid contact with skin, eyes, and clothing. Use in well-ventilated area.

7.2 Storage: Store in a cool, dry place. Keep away from heat, sparks, and open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Controls: Use local exhaust ventilation.

8.2 Respiratory Protection: Use respiratory protection if exposure limits are exceeded.

8.3 Eye Protection: Wear chemical safety goggles.

8.4 Skin Protection: Wear protective gloves and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance: Yellow Powder

9.2 Melting Point: N/A

9.3 Density: N/A

9.4 Solubility: N/A

10. STABILITY AND REACTIVITY

10.1 Stability: Stable under normal conditions.

10.2 Incompatibility: May react with strong oxidants.

10.3 Conditions to Avoid: Heat, sparks, and open flames.



11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity: LD50 data not available.

11.2 Carcinogenicity: Not classified as carcinogenic.

11.3 Reproductive Toxicity: Not classified as reproductive toxicant.

12. ECOLOGICAL INFORMATION

12.1 Environmental Fate: Not available.

12.2 Persistence and Bioaccumulation: Not available.

12.3 Other Ecological Effects: Not available.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Methods: Dispose of according to local regulations. Do not dispose of in waterways or sewers.

14. TRANSPORT INFORMATION

14.1 DOT Classification: Not regulated as a hazardous material (specific classification depends on actual test results and packaging)

14.2 UN Number: N/A

14.3 Proper Shipping Name: N/A

15. REGULATORY INFORMATION

15.1 WHMIS Classification: Not classified (specific classification depends on Canadian regulations)

15.2 GHS Classification: Not classified (specific classification depends on GHS criteria and test results)

16. OTHER INFORMATION

Prepared by: SmartHerb

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