



VetNutra Solutions

Product Technical Data Sheet

Product name: Green Lipped Mussel Extract Powder Low Fat

AC code: AC30419

1. Technical Data Sheet		
Product Name	Green Lipped Mussel Extract Powder Low Fat	
Molecular formula	N/A	
Molecular weight	N/A	
CAS number	N/A	
Item	Standard	Analysis Method
Typical Analysis		
Appearance	Tan to brown powder	Visual
Moisture	≤6%	Compendium 5 th Edn 2015 Ch
Nutrient Analysis		
Crude Protein	50–65 g/100g (%)	AOAC 981.10 OMA online
Total Fat	1–5 g/100g (%)	AOAC 948.15 OMA online
Eicosapentaenoic Acids	≥17 mg/g of oil fraction	AOAC 963.22 OMA online
Docosahexaenoic Acid	≥6 mg/g of oil fraction	AOAC 963.22 OMA online
Ash	5–15 g/100g (%)	AOAC 920.153 OMA online
Heavy metals		
Lead (Pb)	≤2.0 mg/kg	ICP-MS Metals RLP official test 8.20
Inorganic Arsenic	≤2.0 mg/kg	ICP-MS Metals RLP official test 8.20
Cadmium (Cd)	≤2.0 mg/kg	ICP-MS Metals RLP official test 8.20
Mercury (Hg)	≤1.0 mg/kg	ICP-MS Metals RLP official test 8.20
Microorganism		
Aerobic Plate Count	≤50,000 cfu/g	Compendium 5 th Edn 2015 Ch 8
Yeasts and Moulds	<100 cfu/g	bioMérieux, TEMPO BC CoA
E. coli	Not Detected	Compendium 5 th Edn 2015 Ch 9
Coliforms	Not Detected	Compendium 5 th Edn 2015 Ch 9
Salmonella	Not detected /25g	ISO 6579-1:2017
Storage & Shelf Life		
Package	10 kg net; food-grade foil bag; cardboard box suitable for export	
Shelf life	3 years	
Storage	Store in cool, dry, and well-ventilated place; temperature <25°C; relative humidity <65%;	



store off the floor and away from walls. Powder is mildly hygroscopic. Use immediately once opened.

2.Origin & Ingredient

Country of origin of the product: New Zealand

Origin statement: available ☒

This product is a pure material ☒

This product is a compound material ☐

Animal origin	☐ bovine	Specific Source: /	
	☐ porcine	Specific Source: /	
	☐ avian	Specific Source: /	
	☒ Others: Mollusc	Specific Source: Green Lipped Mussel (Perna canaliculus), New Zealand	
Synthetic	☐	Starting material: /	origin: /
Biotechnological processing	☐ Catalysis By Enzymes	Name Of Enzyme: / Sources Of Enzymes: /	
	☐ Fermentation	Source Of Medium: / Strain: /	
Botanical Origin	Botanical Name:	/	
	Part:	/	
	Wild Or Cultivated:	/	
	Country Of Origin:	/	
	Solvent Used:	/	

3.Nutrition Data

Nutritional Composition	☒ Per 100g ☐ Per Serving
Protein(G)	50-65 g/100g (%)
Fat(G)	1-5 g/100g (%)
Remarks: Typical,not on COA	

4. GMO declaration

	Conforms	Not Conforms
The product does not contain or consist of GMO ☒ Conforms ☐ Not Conforms	☒	☐
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) ☒ Conforms ☐ Not Conforms	☒	☐
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?	☒ Yes	☐ No
If yes, are genetically modified crops contained in the feed for the animal?	Feed crops	

We confirm that this product complies with regulations EC/1829/2003 and EC1830/2003 and keep NON-GMO statement available ☒

5. 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	Yes, Parasitic pea crab inside NZ Green Lipped Mussels	N	Yes, Same processing equipment			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	Y - Green Lipped Mussel		Y		Y		Y	

- (1) Cereals which contain gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) except: wheat-based glucose syrups including dextrose, wheat-based maltodextrins, glucose syrups based on barley, cereals used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages;
- (2) Except: fish gelatine used as carrier for vitamin or carotenoid preparations, fish gelatine or Isinglass used as fining agent in beer and wine;
- (3) Except fully refined soybean oil and fat, natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, natural D-alpha tocopherol succinate from soybean sources; vegetable oils derived phytosterols and phytosterol esters from soybean sources; plant stanol ester produced from vegetable oil sterols from soybean sources;
- (4) Except when used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages, lactitol;

- (5) almond (*Amygdalus communis* L.) hazelnuts (*Corylus avellana*), walnut (*Juglans regia*), cashew (*Anacardium occidentale*), pecan nuts (*Carya illinoensis*), brazil nut (*Bertholletia excelsa*), pistachio nut (*Pistacia vera*), macadamia nut and queensland nut (*Macadamia terniflora*) and products thereof, except nuts used for making distillates or ethyl alcohol of agricultural origin for spirit drinks and other alcoholic beverages;

6. NON IRRADIATION

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

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	☒	

7. 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	☒	

8. Residual solvents

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

Alcohol (Residual): No. No residual alcohol level provided.	☐ solvent used ☒ 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	☒	

9. Pesticide residual

(according to EC 396/2005; EP07; USP <561>)

This product is of vegetable origin	☐ Conforms ☒ Not Conforms (not vegetable origin)	
We confirm pesticide residual of this product complies with:	☒ EC 396/2005 ☒ EP 07/2008 ☒ USP <561> ☐ N/A	
Pesticide residual statement 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 “ESE-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 ☐ NA
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 this product complies with:	☒ EU legislation 999/2001 & ☒ EP general chapter 5.2.8
We confirm BSE/TSE statement is available	☒ Conforms

11. Contaminants information	
(according to EU Regulation No 915/2023 and NO.629/2008 as regards maximum levels for certain contaminants in foodstuff)	
- Food supplements containing $\geq 80\%$ peanuts or oilseeds - Aflatoxins B1 ≤ 2.0 ppb - Aflatoxins B1+B2+G1+G2 ≤ 4.0 ppb - Other food supplements - Aflatoxins B1 ≤ 5.0 ppb - Aflatoxins B1+B2+G1+G2 ≤ 10.0 ppb - Food supplements, cocoa fibre, banana chips, dried herbs and dried spices - Ochratoxin A ≤ 5.0 ppb	☒ Conforms ☐ Not Conforms ☐ NA
Melamine	☒ Conforms
Applicable to: food supplements, cocoa fibre, banana chips, dried herbs and dried spices - Benzo(a)pyrene ≤ 1.0 ppb - The sum of PAH4 (PAH4; benzo[a]pyrene, chrysene, benzo[a]anthracene and benzo[b]fluoranthene) ≤ 10.0 ppb	☒ Conforms ☐ Not Conforms ☐ NA



We confirm this product complies with Regulation (EU) 915/2023 and NO.629/2008 and keep compliance statement available

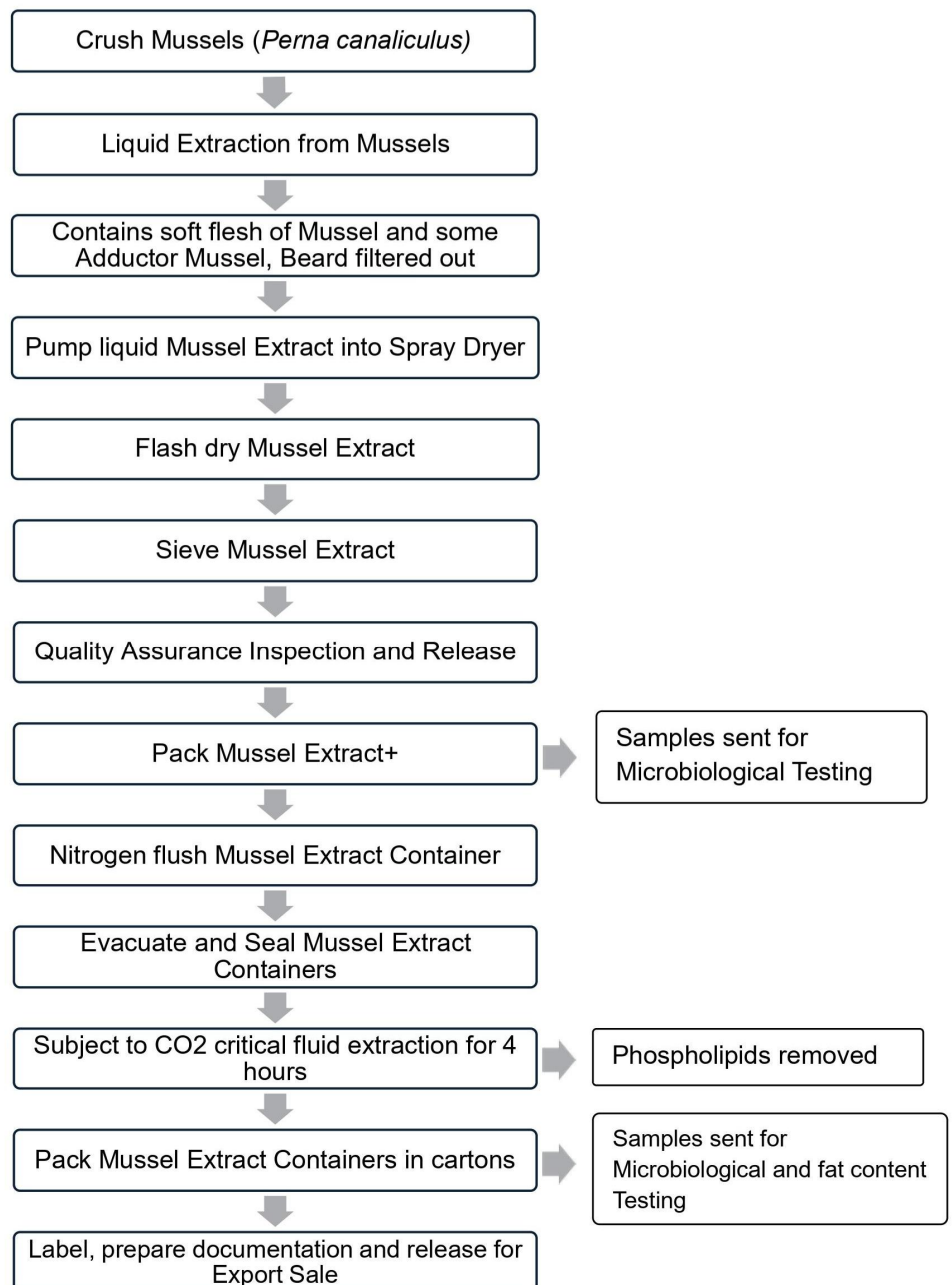
☒ Conforms

12. Others

We confirm we could meet with the requirement on hygiene of foodstuffs according to Reg 852/2004.

We confirm we could meet with the requirement on general principles and requirements of food law according to REGULATION (EC) No 178/2002

Flow Chart





Material Safety Data Sheet (MSDS)

SECTION 1: Identification

1.1 Product identifier

Product name: Green Lipped Mussel Extract Powder Low Fat

CAS No.: N/A

Molecular formula: N/A

Molecular weight: N/A

1.2 Relevant identified uses

Use: Nutritional ingredient / food supplement

1.3 Supplier details

Supplier: Ingredients4u pet Limited

1.4 Emergency telephone number

Please contact your national poison centre or local emergency number

SECTION 2: Hazards identification

2.1 Classification

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

2.2 Label elements

No labeling required

2.3 Other hazards

Adverse effects may include nausea or gastrointestinal discomfort.

Possible allergic reactions may occur via inhalation, ingestion, or skin contact.

Acute effects: Possible irritation to eyes, skin, gastrointestinal tract, and respiratory tract.

Chronic effects: Possible hypersensitization.

Medical conditions aggravated: Hypersensitivity to material.

Cross sensitivity: Not available.

Target organs: Not available.

SECTION 3: Composition/information on ingredients

Substance: Green Shell Mussel Meat Solids

CAS: N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: May cause irritation. Remove to fresh air.

Eye contact: May cause irritation. Flush with copious quantities of water.



Skin contact: May cause irritation. Wash with water.

Ingestion: May cause irritation. Rinse mouth with water.

4.2 Symptoms

Irritation and possible hypersensitivity reactions

4.3 Medical attention

General: Remove from exposure and contaminated clothing.

If breathing stops: provide artificial respiration.

If breathing is difficult: provide oxygen.

Seek medical attention.

Overdose: Consult local poison control centre.

SECTION 5: Firefighting measures

Extinguishing media: Water spray, dry chemical, carbon dioxide or foam.

Hazards: Combustible dust. Risk of static electricity accumulation.

Firefighters: Use self-contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

Wear respiratory protection, gloves, and protective clothing.

Avoid breathing dust.

Collect using vacuum or mechanical means.

Dispose in labeled containers.

Clean spill area thoroughly.

SECTION 7: Handling and storage

Handling: Avoid contact and inhalation of dust, mists or vapors. Wash after handling.

Storage: Store in tightly closed container in a dry place. Protect from moisture.

SECTION 8: Exposure controls/personal protection

Engineering controls: Ventilation recommended.

Respiratory: Dust mask or NIOSH-approved respirator if required.

Gloves: Chemically compatible gloves.

Eye: Safety goggles.

Clothing: Protective clothing.

Exposure limits: Not available.

SECTION 9: Physical and chemical properties

Appearance: Tan to brown powder

Odor: Fresh seafood smell



Solubility: Not available

Other properties: Not available

SECTION 10: Stability and reactivity

Stable under normal conditions.

Avoid moisture.

Decomposition: May emit toxic fumes (SO_x, Na₂O) when heated.

SECTION 11: Toxicological information

LD50 (oral, rat): >10 g/kg

LD50 (oral, mouse): >10 g/kg

Not classified as carcinogenic (NTP, IARC, OSHA).

May cause irritation and sensitization.

SECTION 12: Ecological information

No specific ecological data available.

SECTION 13: Disposal considerations

Dispose according to local regulations.

SECTION 14: Transport information

Not classified as dangerous goods.

No UN number assigned.

SECTION 15: Regulatory information

Applicable regulations:

China Regulatory Information: n/f

International al Regulatory Information: n/f

SECTION 16: Other information

This SDS is adapted from original MSDS with structure aligned to EU 2020/878.

Information believed accurate but no warranty provided.