

PRODUCT TECHNICAL DOSSIER

SELENOMETHIONINE (L) PENTAPURE (K-PURE)

Product Code:

P19109

Tariff Code:

2930401000

Raw Material Full Botanical/Chemical/Latin/Trade Name/Synonyms:

Pentapure L-Selenomethionine Trit (0.5% Se)

This material is Food Grade:

Yes

Vegan / Vegetarian Status:

Suitable for both

Limit/Range/Specification:

Selenium Content 5,000 - 7,000 mcg/gm

Means of Identification:

L-Selenomethionine Content HPLC

Ratio of Material:

100%

Solubility in Water:

Slightly soluble in water

Particle Size:

80Mesh

Percentage passed through:

Min 90 %

Loss on Drying:

Max 2%

Country of Origin:

USA/India



Country of Origin of the Manufacture:

USA

Base Source/Start Material:

Dicalcium Phosphate, Selenomethionine, L (Pure)

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

Synthetic

Material is:

100%

Compound Ingredients Origin, Function and Percentages:

Dicalcium Phosphate – Triturating substrate, U.S.A, 78.8% - 98.7%

L – Selenomethionine (pure) – Source of Selenium, India, 1.3% – 1.6%

Shelf Life from Date of Manufacture:

Min 3 Years

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):

Powder

Colour:

White

Flavour/Taste:

Characteristic

Odour:

Characteristic



Microbiological Test

Total Viable Count:

Max 1,000cfu/g

Yeast & Moulds:

Max 100cfu/g

E. coli:

Negative/10g

Salmonella:

Negative/25g

Heavy Metals

Lead (Pb):

Max 1ppm

Cadmium (Cd):

Max 1ppm

Mercury (Hg):

Max 0.1ppm

Arsenic (As):

Max 1ppm

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	YES	*
Sesame Seeds and Sesame Seed Derivatives	NO	YES	*
Other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	NO	YES	*
Milk and Milk Derivatives (including lactose)	NO	YES	*
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	YES	*
Soya and Soya Derivatives	NO	YES	*
Lupin and Lupin Derivatives	NO	NO	
Mustard and Mustard Derivatives	NO	YES	*
Celery or Celery Derivatives (including Celeriac)	NO	YES	*
Fish and Fish Derivatives	NO	YES	*
Molluscs and their Derivatives	NO	NO	
Crustaceans and their Derivatives	NO	YES	*
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	NO	NO	

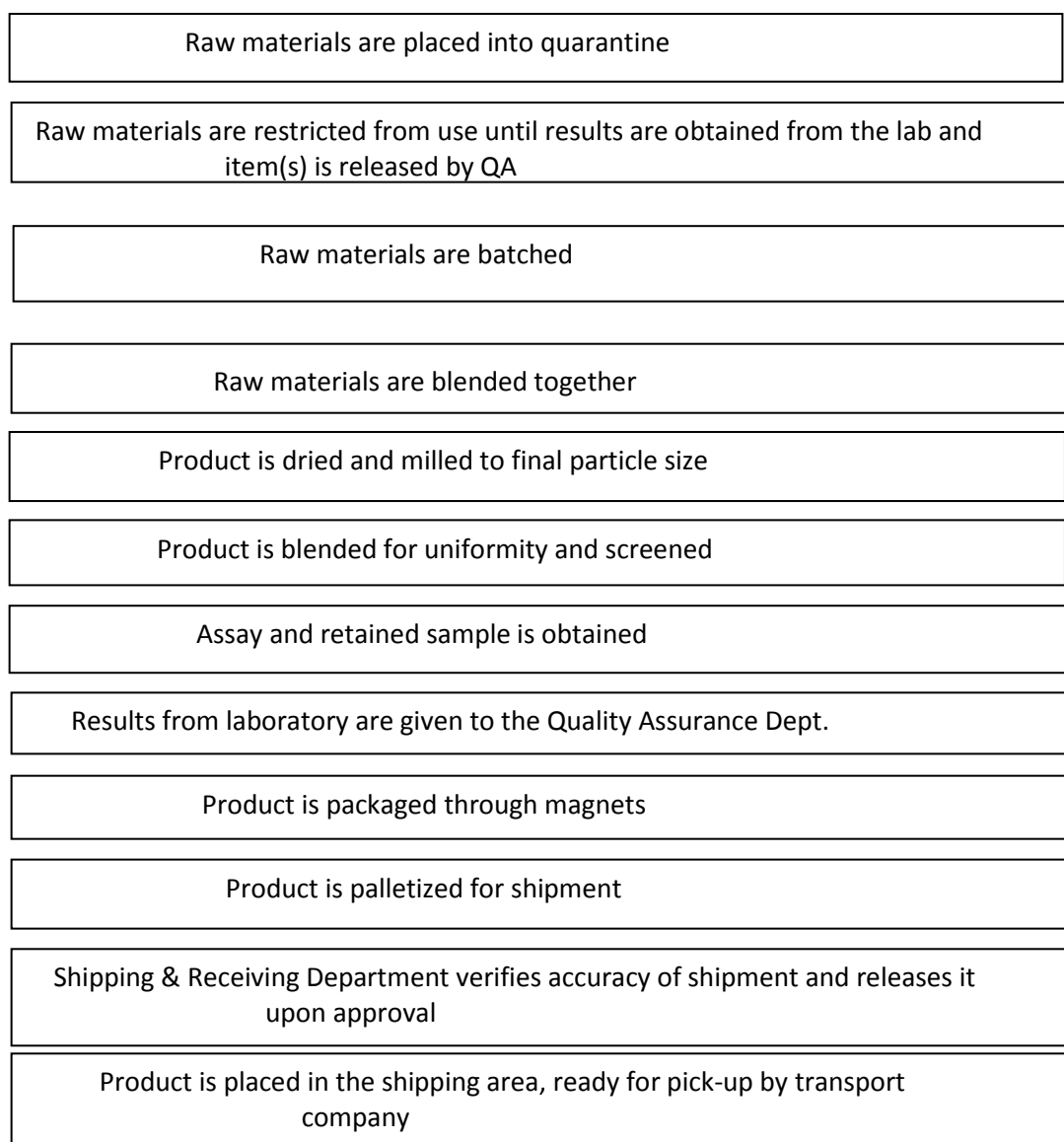


ADDITIVES / CONTAMINANTS / DIETARY REQUIREMENTS	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Additives	NO	YES	*
Antioxidants	NO	NO	
Ethylene Oxide	NO	NO	
Gelatine	NO	NO	
Flavourings (Artificial / Nature Identical / Natural / Smoked)	NO	YES	*
Maize / Corn and any Derivatives	NO	YES	*
Legumes / Pulses	NO	YES	*
Rice and Rice Derivatives	NO	YES	*
Added Salt	NO	YES	*
Added Sugar / artificial or natural sweeteners	NO	YES	*
Aspartame	NO	YES	*
BHA / BHT (E320 / E321)	NO	NO	
Caffeine	NO	YES	*
Colours (Artificial / Nature Identical / Natural / Smoked)	NO	YES	*
Dextrose	NO	YES	*
Dioxins	NO	YES	*
MSG (Added and Naturally Occurring E621) or Glutamates (E620 to E625)	NO	YES	*
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	YES	*
Ethanol	NO	YES	*
Honey	NO	NO	
Lactose	NO	YES	*
Yeast and Yeast Derivatives	NO	YES	*
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	

* The supplier follows an allergen control program that includes documented handling and storage practices as well as Cleaning and sanitising for all equipment and surfaces that comes into contact with allergens and additives.



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".




The Information provided in this document is subject to change and the batch specific certificate of analysis should always be referenced.

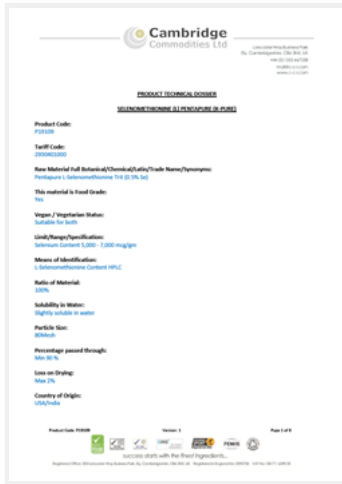
To be used as per local legislation.

Change History

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

Document Approval

Originator Job Title	QC Technician	Approver Job Title	Quality Specialist
<i>Alan Feetham</i>		 Shannon McKenna (Jan 11, 2018)	








P19109-SELENOMETHIONINE (L) PENTAPURE (K-PURE)-Technical Dossier v1

Adobe Sign Document History

01/11/2018

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