

PRODUCT TECHNICAL DOSSIER

TRIBULUS TERRESTRIS EXTRACT 50:1

Product Code:

P20055

Raw Material Full Name:

Tribulus Terrestris Extract

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

Tribulus Terrestris

This material is Food Grade:

Yes

Vegan / Vegetarian Status:

Vegan ✓

Vegetarian ✓

Identification: (TLC)

Positive

Active Ingredient:

Saponins

Ratio of Material:

50:1

Solubility in Water:

Good in water

Particle Size:

80 Mesh

Percentage passed through:

100%

Loss on Drying:

Max 5% (5g/105°C/5hrs)

Residue on Ignition:

Max 5% (2g/525°C/5hrs)

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success starts with the finest ingredients...

Pesticides Residues: (Gas Chromatography)

Max 1ppm

Country of Origin:

China

Country of Origin of the Manufacture:

China

Base Source/Start Material:

Fruit & Root (Dried) of the Tribulus Terrestris

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

Plant

What is the extraction/processing used? What solvents are used and at what ratio's?

Water 100%

Compound Ingredients Origin, Function and Percentages:

Max 10% - 15% Maltodextrin (From corn)

Shelf Life from Date of Manufacture:

Min 2 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):

Fine Powder

Colour:

Brown

Flavour/Taste:

Characteristic

Odour:

Characteristic



Microbiological Test

Total Viable Count:

Max 10,000 cfu/g

Yeast & Moulds:

Max 1,000cfu/g

E.Coli:

Absent

Salmonella:

Negative

Heavy Metals

Max Heavy Metals:

10ppm

Lead (Pb):

Max 3ppm

Cadmium (Cd):

Max 1ppm

Mercury (Hg):

Max 0.1ppm

Arsenic (As):

Max 1ppm

Pharmacopeia Standard Used:

CP

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.



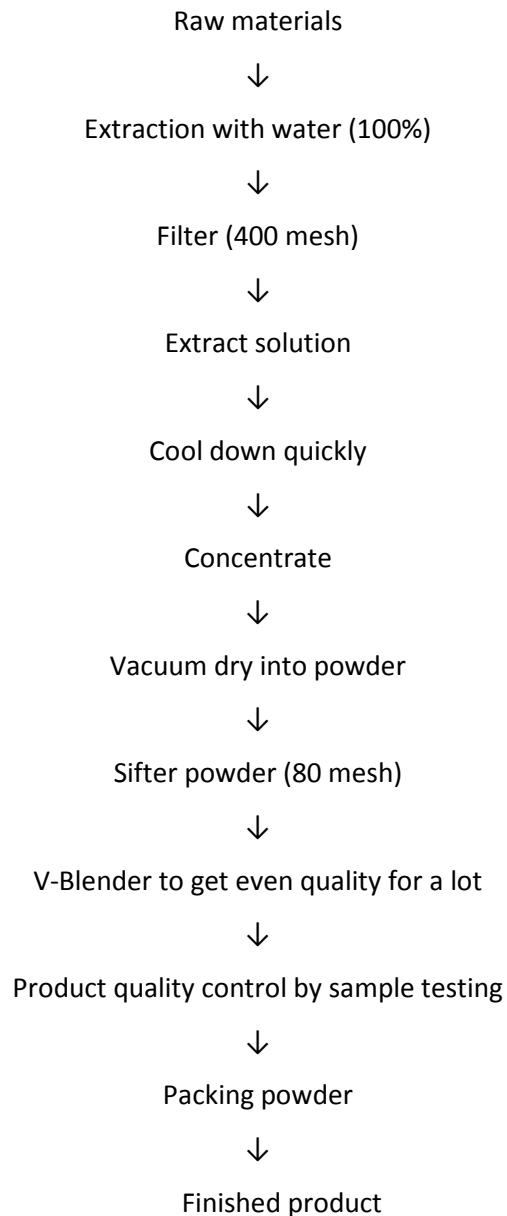
ALLERGENS	Product Free From YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Free from Peanuts and Peanut Derivatives (There are no nuts in this recipe, however CCL cannot guarantee that the raw materials entering the site are nut free.)	YES	NO	
Free from other Nut and Nut Derivatives <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> (There are no nuts in this recipe, however CCL cannot guarantee that the raw materials entering the site are nut free.)	YES	NO	
Free from Sesame Seeds and Sesame Seed Derivatives	YES	NO	
Free from other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	YES	NO	
Free from Milk and Milk Derivatives (including lactose)	YES	NO	
Free from Egg and Egg Derivatives	YES	NO	
Free from Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten (<i>wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass</i>)	YES	NO	
Free from Soya and Soya Derivatives	YES	NO	
Free from Lupin and Lupin Derivatives	YES	NO	
Free from Mustard and Mustard Derivatives	YES	NO	
Free from Celery or Celery Derivatives (including Celeriac)	YES	NO	
Free from Fish and Fish Derivatives	YES	NO	
Free from Molluscs and their Derivatives	YES	NO	
Free from Crustaceans and their Derivatives	YES	NO	
Free from Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	YES	NO	



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



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/preparation

Product name: Tribulus Terrestris 50:1
Product code: P20055
Company: Cambridge Commodities Limited
Lancaster Way, Ely, Cambridgeshire, CB6 3NX
Tel: 01353 667258. Email: qa@c-c-l.com

Section 2 Possible Hazards

Not considered hazardous when handled under normal conditions with good housekeeping.

Section 3 Ingredients/Identity Information

Components	% in Product
Tribulus Terrestris Extract	85-90
Maltodextrin	10-15

Section 4 Emergency and First Aid Procedures

Eyes	If symptoms develop, immediately move individual away from exposure and into fresh air. Rinse with plenty of water for at least 15 minutes while holding eyelids apart. Seek medical attention if irritation persists
Skin	Remove contaminated clothing. Wash with soap and copious amounts of water for at least 15 minutes. If irritation persists seek medical attention
Swallowing	Wash out mouth and drink water if conscious. Never give anything by mouth to an unconscious person. Seek medical attention if feeling unwell.
Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen and seek medical help.

Section 5 Fire and Hazard Data

Fire and Explosion Hazards	May emit toxic fumes under fire conditions
Extinguishing Media	Foam, water spray, carbon dioxide, dry chemical powder
Fire Fighting Instructions	Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Use personal protective equipment. Equipment should be thoroughly decontaminated after use.



Section 6 Accidental Release Measures

Wear self-contained breathing apparatus, rubber boots & heavy rubber gloves. Sweep up/absorb in suitable material, place in a container and hold for disposal. Avoid raising dust. Ventilate area and wash spill site after pick-up complete.

Section 7 Storage

- Handling** Avoid creating dust. Avoid contact with eyes, skin and clothing, avoid prolonged or repeated exposure.
- Storage** Keep containers tightly closed in a cool and dry place for quality reasons. Protect from humidity and light

Section 8 Control Methods/Personal Protection

- Engineering Measures** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure.
- Respiratory Protection** Avoid inhalation and wear respirator if needed. 3M Dust respirator No. 8710 or 9900 is recommended, or a NIOSH/MSHA jointly approved dust respirator.
- Hand/Body Protection** Avoid contact and prolonged or repeated exposure. Wear resistant gloves. Wash thoroughly after handling. Protective clothing recommended.
- Eye Protection** Wear safety glasses in compliance with OSHA regulations if needed.

Section 9 Physical and Chemical Properties

- Physical state** Fine powder
- Colour** Brown
- Odour** Characteristic
- Sieve Analysis** 100% pass through 80 mesh

Section 10 Stability and Reactivity

- Conditions to be Avoided** Unknown
- Substances to be Avoided** Unknown
- Hazardous Decomposition Products** Unknown



Section 11 Toxicological Information

Not considered toxic.

Section 12 Ecological Information

Do not allow product to enter drinking water supplies, waste or soil

Section 13 Disposal Considerations

Dissolve or mix material with a suitable combustible solvent and incinerate in a chemical incinerator equipped with an afterburner and scrubber. Material should be disposed of in keeping with all local and national legislation. Packaging should be disposed of in keeping with all local and national legislation. Handle contaminated containers as product.

Section 14 Transport Information

Transport classification Not classified as dangerous for any mode of UK or International transport.

Section 15 Regulatory Information

European Regulation Reviews, Standards and Regulations	This product is not classified according to the EU regulations. Health & Safety at work act 1974. COSHH Regulations (1994). EH40 Occupational exposure limits.
US Federal Regulations	Not known.

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	Vegan/vegetarian status has been added. The source of maltodextrin has been changed from rice to corn.	Yes
3	Changed shelf life from 3 years to minimum 2 years Added Max Heavy Metals: 10ppm Updated heavy metal specifications as follows: Lead (Pb): Max 1ppm to Max 3ppm Mercury (Hg): Max 1ppm to Max 0.1ppm These changes were made so that our specifications conform with the updated supplier specifications.	Yes

Document Approval

Originator Job Title	QC Technician	Approver Job Title	Quality Specialist
 Ash Bean (Jul 26, 2016)		 Nanci-Marie Smith (Jul 26, 2016)	





P20055 - Tribulus Terrestris Extract 50.1 - Technical Dossier

Adobe Sign Document History

07/26/2016

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By:	Ash Bean (ash.bean@c-c-l.com)
Status:	SIGNED
Transaction ID:	CBJCHBCAABAABHbHCkjWv3DwD6s8xIHvQ_-B3baBO1opu

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