

PRODUCT TECHNICAL DOSSIER

YUCCA ROOT EXTRACT 4:1

Product Code:

P2502

Raw Material Full Name:

Yucca root extract

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

Yucca Schidigera

This material is Food Grade:

✓

Ratio of Material:

1g extract to 4g herbs

Particle Size:

80 mesh

Percentage passed through:

Min 90%

Bulk Density:

Approx. 0.43g/ml

Tapped Density:

Approx. 0.65g/ml

Loss on Drying:

Max 5%

Residue on Ignition:

Max 5%

Country of Origin:

China

Country of Origin of the Manufacture:

China



Base Source/Start Material:

Roots of the Yucca Shidigera

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

Compound Ingredients:

Max 15% Maltodextrin (Corn)

Shelf Life from Date of Manufacture:

2 years

Storage Conditions:

Store in a sealed container away from direct sunlight and moisture, do not freeze under 33°C (+3)

Appearance:

Fine Powder

Colour:

Brownish Yellow (**)

Flavour/Taste:

Characteristic

Texture:

Characteristic

Odour:

Characteristic

Do any of these 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:

Max 100,000cfu/g

Yeast & Moulds:

Max 10,000cfu/g

E.Coli:

Absent in 10g

Salmonella:

Absent in 25g

Metals

Heavy Metals:

Max 10ppm

Arsenic (As):

Max 1ppm

Cadmium (Cd):

Max 1ppm

Lead (Pb):

Max 3ppm

Mercury (Hg):

Max 0.1ppm

Pharmacopeia Standard Used:

EU and USA Food Grade

There are no nuts in this recipe and are no nuts on site, however we cannot guarantee that the raw materials entering the site are nut free.



INTOLERANCE DATA			
	If No please give details		
Free from All Animal Products (Beef, Pork, Poultry or other)	YES		
Free from Bovine Products or Derivatives by using hormones to increase milk yield in cows	YES		
Free from Bone Meal	YES		
Free from Peanuts and Peanut Derivatives (including possible cross contamination)	YES		
Free from other Nut and Nut Derivatives	YES		
Free from Nut Derived Oil	YES		
Free from Sesame Seeds and Sesame Seed Derivatives	YES		
Free from Poppy Seeds and Poppy Seed Derivatives	YES		
Free from Sunflower Seeds and Sunflower Seeds Derivatives	YES		
Free from other Seeds and Seed Derivatives	YES		
Free from Milk and Milk Derivatives (including lactose)	YES		
Free from Egg and Egg Derivatives	YES		
Free from Cereals containing Gluten (wheat / rye / oats / barley/ spelt/ kamut or their hybridised strains) and Derivatives	YES		
Free from Soya and Soya Derivatives	YES		
Free from Maize and Maize Derivatives		NO	Maltodextrin
Free from Corn and Corn Derivatives		NO	Maltodextrin
Free from Lupin and Lupin Derivatives	YES		
Free from Yeast and Yeast Derivatives	YES		
Free from Cotton Seeds (Flour) and Cotton Seed Derivatives	YES		
Free from Rice and Rice Derivatives	YES		
Free from Mustard and Mustard Derivatives	YES		
Free from Celery or Celery Derivatives	YES		
Free from Celeriac or Celeriac Derivatives	YES		
Free from Fruit and Fruit Derivatives	YES		
Free from Vegetable and Vegetable Derivatives	YES		
Free from Carrot and Carrot Derivatives	YES		
Free from Legumes / Pulses	YES		
Free from Fish and Fish Derivatives	YES		
Free from Crustaceans / Molluscs and their Derivatives	YES		
Free from Additives	YES		
Free from Added Salt	YES		
Free from Added Sugar	YES		
Free from Antioxidants	YES		
Free from Artificial Glutamates	YES		
Free from Aspartame	YES		
Free from Azo and Coal Tar Dyes	YES		
Free from Benzoates (E210 / E219)	YES		
Free from BHA / BHT (E320 / E321)	YES		
Free from Caffeine	YES		
Free from Cinnamon	YES		
Free from Cocoa	YES		
Free from Colours (Artificial / Nature Identical / Natural / Smoked)	YES		
Free from Dextrose	YES		
Free from Dioxins	YES		
Free from Ethanol	YES		

INTOLERANCE DATA			
	If No please give details		
Free from Ethylene Oxide	YES		

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success starts with the finest ingredients...

Free from Flavourings (Artificial / Nature Identical / Natural / Smoked)	YES		
Free from Garlic	YES		
Free from Gelatine	YES		
Free from Glutamates (E620 to E625)	YES		
Free from Histamine	YES		
Free from Hickory	YES		
Free from Honey	YES		
Free from Lactose	YES		
Free from Latex	YES		
Free from MSG (Added and Naturally Occurring E621)	YES		
Free from Nucleotides (E627, E630, E631, E635)	YES		
Free from Polyols	YES		
Free from Preservatives	YES		
Free from Starch Products (Including Maltodextrin)		NO	Maltodextrin
Free from Sorbic Acid (E200, E203)	YES		
Free from Sulphur Dioxide and Sulphites at levels above 10mg/kg or 10mg/litre expressed as SO ²	YES		
Free from Sulphites (E220, E228)	YES		
Free from Sweeteners	YES		
Free from Vannillin	YES		
Suitable for Diabetics	YES		
Suitable for Coeliacs	YES		
Suitable for Ovo-Lacto Vegetarians	YES		
Suitable for Vegans	YES		
Kosher Certified		NO	Not Certified
Halal Certified		NO	Not Certified



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

1. Identification of the substance/preparation

Product Name: Yucca Root Extract 4:1
 Product Code: P2502
 Supplier: Cambridge Commodities Limited
 Lancaster Way, Ely, Cambridgeshire, CB6 3NX.
 Tel: 01353 667258. Email: mail@c-c-l.com

2. Ingredients/Identity Information

<u>Components</u>	<u>% in Product</u>	<u>CAS Number</u>	<u>Formula</u>	<u>EINECS Number</u>
Maltodextrin	Max 15%	N/A	N/A	N/A

3. Possible Hazards

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

4. Emergency and First Aid Procedures

Eyes	Immediately flush eyes with copious amounts of water for at least 15 minutes.
Skin	Immediately wash skin with soap and copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention. Seek medical advice.
Swallowing	If swallowed, wash out mouth with water, provided person is conscious. Seek medical advice.
Inhalation	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

5. Fire and Hazard Data

Extinguishing Media:	Carbon dioxide, dry chemical powder or appropriate foam. Water spray.
Unusual fire and explosion hazards:	Emits toxic fumes under fire conditions
Special firefighting procedures:	Wear self-contained breathing apparatus and protective clothing to prevent contact with the skin and eyes.



6. Accidental release measures.

Ensuring personal safety, mark out contaminated area with signs and prevent unauthorised access.
Turn leaking containers up to prevent further Evacuate area.
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.

7. Storage & Handling

Store in original container in a cool dark place.

8. Control Methods/Personal Protection

Respiratory protection:	required when dusts are generated.
Eye protection:	required
Hand protection:	required
Industrial hygiene:	Immediately change contaminated clothing. Wash hands and face after working with substance.

9. Physical and Chemical Properties

Appearance:	Brownish Yellow
Odour:	Characteristic
Melting Point:	/
Solubility:	Partially soluble in hydro-alcoholic solution.

10. Stability and Reactivity

Conditions to be avoided:	Unknown
Substances to be avoided:	Unknown
Hazardous decomposition products:	Unknown

11. Toxicological Information

Not considered toxic.

12. Ecological Information

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

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.

14. Transport Information

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

15. Regulatory Information

Not data available

16. Regulatory 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.


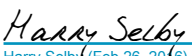
To be used as per local legislation.



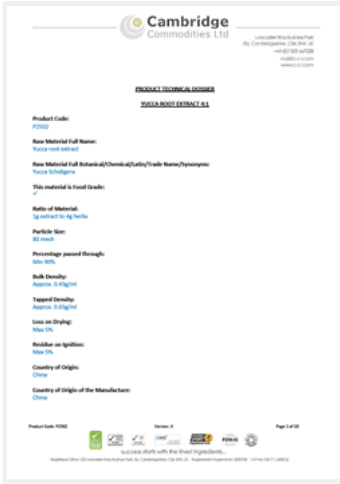
Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A
2	Updated to Meet EU and USA Food Grade Standards <ul style="list-style-type: none"> • Botanical Name updated to Yucca Schidigera from Yucca Filamentosa L • Colour updated to Brownish Yellow from Brown • Sieve Analysis updated to 90% Pass 80 Mesh from 95% Pass • Ash Result Added • Total Heavy Metals Updated to Max 10ppm from Max 20ppm • Total Plate count updated to Max 100,000cfu/g from Max 1000cfu/g • Yeasts and Moulds updated to Max 10,000cfu/g from Max 100cfu/g • Salmonella Updated to Absent in 25g from Negative • E.Coli updated to Absent in 10g from Negative • Solvent updated to Water from Ethanol and Water • Compound ingredient updated to Max 15% Maltodextrin from Max 5% • Staphylococcus Removed • Product now free from Ethanol 	Yes
3	Heavy Metals updated due to clerical error in previous version	Yes
4	Updated MSDS	No

Document Approval

Originator Job Title	Quality Specialist	Approver Job Title	Quality Technician
 Lucia Valle (Feb 26, 2016)		 Harry Selby (Feb 26, 2016)	











Yucca Root Extract 4 1 -P2502 - Technical Dossier

Adobe Document Cloud Document
History

2/26/16

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