



PRODUCT TECHNICAL DOSSIER

DULACIA INOPIFLORA EXTRACT 10:1

Product Code:
P0421

Raw Material Full Name:
Dulacia Inopiflora Extract

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

This material is Food Grade

Identification (TLC):
Positive Reaction

Ratio of Material:
10:1

Solubility in Water:
Partially dissolved

Solubility in Alcohol:
Insoluble

Particle Size (USP 31):
80 mesh Sieve

Percentage passed through (USP 31):
Min 95%

Bulk Density (USP 31):
45.0g/100ml-65.0g/ml

Loss on Drying (5h at 105°C):
Max 5.0%



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IMPORTERS AND DISTRIBUTORS OF NUTRITIONAL RAW MATERIALS

Residual Solvents (E.P 2000)
Eur. Pharm. 2000

Ash (3h at 600°C):
Max 5.0%

Extract Solvents (USP 31):
Ethanol & Water 70:30

Country of Origin:
China

Country of Origin of the Manufacture:
China

Compound Ingredients:
None

Base Source/Start Material:
Roots of the Dulacia Inopiflora

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

Shelf Life from Date of Manufacture:
2 Years

Storage Conditions:
Store in a cool dry place

Appearance:
Fine Powder

Colour:
Brown Yellow

Flavour/Taste:
Characteristic



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Texture:
Powder

Odour:
Characteristic

Microbiological Test

Total Viable Count (USP 31):
Max 1,000cfu/g

Yeast & Moulds (USP 31):
Max 100 cfu/g

E.Coli (USP 31):
Negative

Salmonella (USP 31):
Negative

Metals

Heavy Metals (USP 31):
Max 10ppm

Arsenic (As) (USP 31):
Max 1ppm

Lead (Pb) (USP 31):
Max 3ppm

Cadmium (Cd) (USP 31):
Max 1ppm

Mercury (Hg) (USP 31):
Max 0.1ppm



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**Pharmacopeia Standard Used:
USP/CP**

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.



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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	YES		
Free from Corn and Corn Derivatives	YES		
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		NO	Used in Extraction



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



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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 1999/2/EC and 1000/3/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).

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.

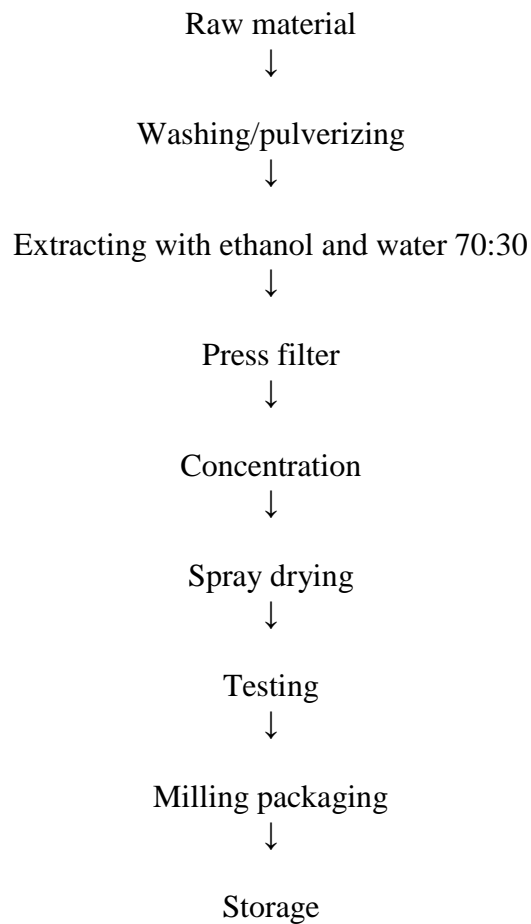


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PRODUCT FLOW CHART



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MATERIAL SAFETY DATA SHEET

Section 1 Description

PRODUCT NAME: DULACIA INOPIFLORA EXTRACT 10:1

PRODUCT CODE: P0421

Supplier: Cambridge Commodities Limited
78 Lancaster Way, Ely, Cambridgeshire, CB6 3NW.
Tel: 01353 667258. Email: mail@c-c-l.com

Section 2 Ingredients/Identity Information

<u>Components</u>	<u>% in Product</u>	<u>CAS Number</u>	<u>Formula</u>	<u>EINECS Number</u>
Dulacia Inopiflora Extract	100	N/A	N/A	N/A

Section 3 Possible Hazards

Potential Acute Health Effects: Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available

MUTAGENIC EFFECTS: Not available

TERATOGENIC EFFECTS: Not available

DEVELOPMENTAL TOXICITY: Not available

Repeated or prolonged exposure is not known to aggravate medical condition

Section 4 Emergency and First Aid Procedures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty for water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Seek medical attention if irritation develops.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material swallowed seek medical attention immediately. Loosen tight clothing.



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Section 5 Fire and Hazard Data

Flammability of the Product: May be combustible at high temperature

Fire Hazard in Presence of Various Substances: Slightly flammable to flammable in presence of heat, none flammable in presence of shocks

Explosion Hazards in Presence of Various substances: Risk of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks.

Fire Fighting Media & Instructions: SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: As with most organic solids, fire is possible at elevated temperatures.

Special Remarks on Explosion Hazards: Fine dust dispersed in air in sufficient concentrations, and in presences of an ignition source is a potential dust explosion hazard.

Section 6 Accidental release measures.

SMALL SPILL: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional requirements.

LARGE SPILL: Use shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7 Storage

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing the material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.



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Section 8 Control Methods/Personal Protection

Engineering Controls: Use process enclosures. Local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Splash goggles. Lab coat, dust respirator. Be sure to use an approved/certified respirator or equivalent gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling the product.

Exposure Limits: Not available

Section 9 Physical and Chemical Properties

Physical state	Fine powder
Colour	Brown/Yellow
Odour	Characteristic
Sieve Analysis	95% pass through 80 mesh
Bulk Density	0.45 – 0.65 g/ml

Section 10 Stability and Reactivity

Chemical Stability	Stable under conditions mentioned in section 7.
Conditions of Instability	Excessive heat, dust generation
Instability Temperature	Not available
Incompatibility with Various Substances	Not available
Corrosivity	Not available
Special Remarks on Reactivity	Not available
Special Remarks on Corrosivity	Not available
Polymerisation	Will not occur



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Section 11 Toxicological Information

Route of Entry	Inhalation. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available
Chronic Effects on Humans	Not available
Other Toxic Effects on Humans	Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion.
Special Remarks on Toxicity	Not available
Special Remarks Chronic Effects	Not available

Special Remarks on Other Toxic Effects on Humans

Potential Health Effects:

Skin: Unlikely to cause skin irritation. Prolonged or repeated skin contact may cause dryness and cracking of the skin.

Eyes: Can cause eye irritation

Inhalation: This material may produce dust. It can cause respiratory tract (nose, throat, airways) irritation with soreness, dry or scratchy feeling and cough. Breathing small amounts of this material during industrial handling is not likely to be harmful. Breathing large amounts may be harmful.

Ingestion: May cause sore throat, and mouth.

The toxicological properties of this substance have not been fully investigated

Section 12 Ecological Information

Eco-toxicity	No Data Available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation are not likely. However long term degradation products may arise.

Toxicity of the products of biodegradation: Not available



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Section 13 Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations

Section 14 Transport Information

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

Section 15 Regulatory Information

DSCL (EEC):

R36

Irritating to eyes

S2

Keep out of reach of children

S46

If swallowed, seek medical advice immediately and show this container or label.

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.

We confirm that the information above is sourced from the original manufacturers/suppliers Specification.

To be used as per local legislation.

Version No: 0



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