

Product Technical Dossier

Product	Di-Calcium Phosphate Anhydrous
CCL Product Code	P03066

Specification Details

	Specification	Method
Identification	Meet USP Standard	
Assay (as CaHPO ₄)	Min 98%	
Appearance	Powder	
Colour	White to off White	
Aroma	Characteristic	
Flavour	Characteristic	
Sieve Analysis % passed	Min 90% pass 120 mesh	
Loss on Ignition	7.0 - 8.5%	
Acid Insoluble	Max 0.2%	
Chloride (Cl)	Max 0.25%	
Sulphate (SO ₄)	Max 0.2%	
Bulk Density	0.8 -1.0 g/ml	
Tapped Density	1.0 -1.3 g/ml	
pH	6-8	
Carbonates	Meet USP Standard	
Barium	Meet USP Standard	
Organic Volatile Impurities	Meet USP Standard	

Microbiological Limits

Total Viable Count	Max 1,000 cfu/g	
Yeasts & Moulds	Max 100 cfu/g	
E. Coli	<10 cfu/g	
Salmonella	Negative/25g	

Heavy Metal Limits

Total Heavy metals	Max 10ppm	
Lead (Pb)	Max 1ppm	
Cadmium (Cd)	Max 1ppm	
Mercury (Hg)	Max 0.1ppm	
Arsenic (As)	Max 1ppm	
Fluoride	Max 50ppm	
Aluminium	Max 200ppm	
Iron (as Fe)	Max 400ppm	

Product Code: P03066

Version: 1

Page 1 of 7



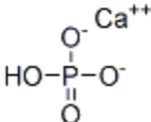
FDA number: 16806073982

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Registered in England No: 3590758 VAT No: GB 711 6598 32

Registered office: 203 Lancaster Way Business Park, Ely, Cambridgeshire, CB6 3NX, UK.

Additional Technical Information

Raw Material Full Botanical / Chemical Name	Di-Calcium Phosphate Anhydrous
The material is Food Grade	Yes
Solvent used	None
Country of Origin	China
Country of Manufacture	China
Solubility in Alcohol	Insoluble in alcohol
Solubility in Water	Sparingly insoluble in water
Average Molecular weight	136.06
Molecular Formula	CaHPO ₄
Molecular Structure (image)	
CAS Number	7757-93-9
EC/EINECS Number	231-826-1
Shelf Life from Date of Manufacture	Min 2 Years
Pharmacopeia Standard Used	USP This material complies with EU Regulation No. 231/2012 E341 (ii) monograph
Suitable for Vegetarians?	Yes
Suitable for Vegans?	Yes
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.

Composition Origin, Function and Percentages

Ingredients	Function	% composition	Source
Di-Calcium Phosphate	-	100%	Chemical synthesis, raw materials are calcium carbonate and phosphoric acid

Nutritional Data

Test	Value per 100g
Energy kJ / Kcal	n/a
Fat (g)	n/a
-Of which Saturates (g)	n/a
Carbohydrate (g)	n/a
-Of which Sugars (g)	n/a
Fibre (g)	n/a
Protein (g)	n/a
Salt (g)	n/a

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch.

Product Code: P03066

Version: 1

Page 2 of 7



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The allergen information is supplied by the manufacturer, we have not tested for each individual allergen to ensure they are not present. The information given is based on a documented risk assessment and is accurate to the best of our knowledge. If you intend to make a voluntary "free from" claim on your pack, additional testing may need to be carried out. For technical and labelling guidance, you should always speak to the competent authority for the market or member state in which the final products are placed.

Product Code: P03066

Version: 1

Page 3 of 7



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Allergens	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Peanuts and Peanut Derivatives (including possible cross contamination)	No	No	
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	No	
Sesame Seeds and Sesame Seed Derivatives	No	No	
Milk and Milk Derivatives (including lactose)	No	No	
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	No	
Soya and Soya Derivatives	No	No	
Lupin and Lupin Derivatives	No	No	
Mustard and Mustard Derivatives	No	No	
Celery or Celery Derivatives (including Celeriac)	No	No	
Fish and Fish Derivatives	No	No	
Molluscs and their Derivatives	No	No	
Crustaceans and their Derivatives	No	No	
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	

Additives / Contaminants / Dietary Requirements / Intolerances	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	Where applicable, is there risk of cross-contamination? YES/NO or N/A
Additives / E Numbers	No	No	
Antioxidants	No	No	
Ethylene Oxide	No	No	
Gelatine	No	No	
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	No	
Maize / Corn and any Derivatives	No	No	
Legumes / Pulses	No	No	
Rice and Rice Derivatives	No	No	
Added Salt	No	No	
Added Sugar / artificial or natural sweeteners	No	No	
Aspartame	No	No	
BHA / BHT (E320 / E321)	No	No	
Caffeine	No	No	
Colours (Artificial / Nature Identical / Natural / Smoked)	No	No	
Dextrose	No	No	
other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	No	
Kiwi fruit	No	No	
Polyols (sugar alcohols)	No	No	
grape fruit	No	No	
Sorbic Acid (E200, E203)	No	No	
Any other Preservatives	No	No	
Ethanol	No	No	
Honey	No	No	
Lactose	No	No	
Yeast and Yeast Derivatives	No	No	
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	

Product Code: P03066

Version: 1

Page 4 of 7



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Statements

<p>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.</p>	Yes
<p>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.</p>	Yes
<p>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 current regulations.</p>	Yes
<p>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.</p>	Yes
<p>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.</p>	Yes
<p>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.</p>	Yes
<p>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 current regulations.</p>	Yes
<p>Confirmation of Pesticides Status This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.</p>	Yes
<p>Confirmation of Nanoparticles Status This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation, 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".</p>	Yes
<p>Packaging Status We hereby certify that the packaging used in the above-mentioned material conforms to EU regulations and subsequent amendments on food grade packaging</p>	Yes
<p>Confirmation of PAH status This is to certify that the above-mentioned product complies with the max PAH limits set by the EU regulations</p>	Yes

Product Code: P03066

Version: 1

Page 5 of 7



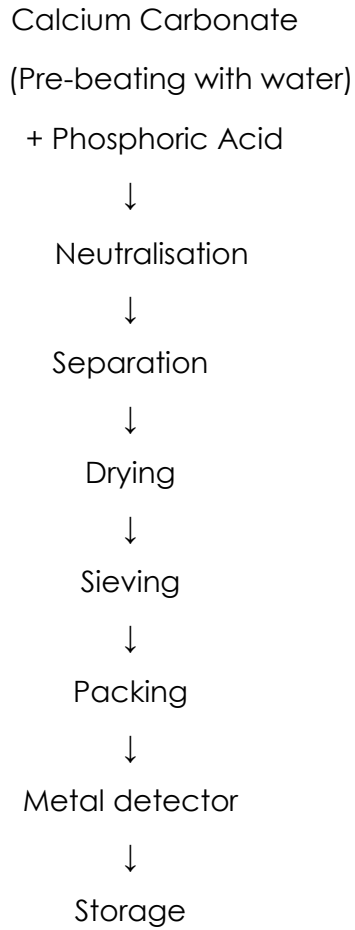
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Product Flow Chart



Product Code: P03066

Version: 1

Page 6 of 7



FDA number: 16806073982

Material Safety Data Sheet

To download this product's material safety data sheet, please click [here](#) and search for the Cambridge Commodities product code. If there is no MSDS available, please follow the on-screen instructions to request one.

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	This version of Technical Dossier supersedes version 3 of the specification. The below amendments have been made. Changed appearance from granular powder to powder, added sieve analysis, density, pH, changed Hydrochloric Acid Insoluble to Acid Insoluble, changed mercury spec from max 1ppm to max 0.1ppm, added compliance statements, flow chart, and food intolerance information.	Yes

Document Approval

Originator	Approver

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Version: 1

Page 7 of 7



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