

Product Technical Dossier

Product	Zinc Aspartate (30 - 37.5% Zinc)
CCL Product Code	P26001

Specification Details

Assay/Actives (ICP, as is basis)	Specification
Appearance	Zinc (Zn) 30.0 – 37.5%
Colour	Powder
Aroma	White to Off-White
Flavour	Characteristic
Sieve Analysis % passed	Min 85% Pass 40 Mesh
Loss on Drying	Max 6%
Residual Solvents	Meets EP Limits

Microbiological Limits

Total Viable Count	Max 3,000cfu/g
Yeasts & Moulds	Max 300cfu/g
E. Coli	Negative/10g
Salmonella	Negative/25g
Coliforms	Negative/10g
Staphylococcus aureus	Negative/10g

Heavy Metal Limits

Lead (Pb)	Max 5ppm
Mercury (Hg)	Max 1ppm
Arsenic (As)	Max 1ppm
Cadmium	Max 1ppm

Additional Technical Information

Raw Material Full Botanical / Chemical Name	Zinc Aspartate (30 - 37.5% Zinc)
Compound Ingredients	Zinc Oxide, Rice Protein, Aspartic Acid
The material is Food Grade	Yes
Country of Origin	China, U.S.A, Canada
Country of Manufacture	USA
CAS Number	Zinc Oxide: 1314-13-2 Rice Protein: N/A Aspartic Acid: 56-84-8
Shelf Life from Date of Manufacture	Min 3 Years
Suitable for Vegetarians?	Yes
Suitable for Vegans?	Yes

Product Code: P26001

Version: 4

Page 1 of 6



FDA number: 16806073982

+44 (0) 1353 667258 | www.c-c-l.com | info@c-c-l.com

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

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

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.

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

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: P26001

Version: 4

Page 2 of 6



FDA number: 16806073982

+44 (0) 1353 667258 | www.c-c-l.com | info@c-c-l.com

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

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

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	N/A
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	No
Sesame Seeds and Sesame Seed Derivatives	No	Yes	No
Milk and Milk Derivatives (including lactose)	No	Yes	No
Egg and Egg Derivatives	No	No	N/A
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten (wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass)	No	Yes	No
Soya and Soya Derivatives	No	Yes	No
Lupin and Lupin Derivatives	No	No	N/A
Mustard and Mustard Derivatives	No	Yes	No
Celery or Celery Derivatives (including Celeriac)	No	Yes	No
Fish and Fish Derivatives	No	Yes	No
Molluscs and their Derivatives	No	Yes	No
Crustaceans and their Derivatives	No	Yes	No
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	N/A

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	N/A
Antioxidants	No	No	N/A
Ethylene Oxide	No	No	N/A
Gelatine	No	No	N/A
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	Yes	No
Maize / Corn and any Derivatives	No	Yes	No
Legumes / Pulses	No	Yes	No
Rice and Rice Derivatives	Yes	Yes	Rice Protein
Added Salt	No	No	N/A
Added Sugar / artificial or natural sweeteners	No	Yes	No
Aspartame	No	No	N/A
BHA / BHT (E320 / E321)	No	No	N/A
Caffeine	No	No	N/A
Colours (Artificial / Nature Identical / Natural / Smoked)	No	Yes	No
Dextrose	No	No	N/A
other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	No	N/A
Kiwi fruit	No	No	N/A
Polyols (sugar alcohols)	No	No	N/A
grape fruit	No	No	N/A
Sorbic Acid (E200, E203)	No	No	N/A
Any other Preservatives	No	Yes	No
Ethanol	No	No	N/A
Honey	No	No	N/A
Lactose	No	No	N/A
Yeast and Yeast Derivatives	No	Yes	No
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	Yes	N/A
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	N/A



Statements

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.	Yes
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.	Yes
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.	Yes
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.	Yes
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.	Yes
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.	Yes
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.	Yes
Confirmation of Pesticides Status This is to certify that the above-mentioned product complies with the EU max residue limits (MRLs) on pesticides.	Yes
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".	Yes
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	Yes
Confirmation of PAH status This is to certify that the above-mentioned product complies with the max PAH limits set by the EU regulations	Yes

Product Code: P26001

Version: 4

Page 4 of 6



FDA number: 16806073982

+44 (0) 1353 667258 | www.c-c-l.com | info@c-c-l.com

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

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

Product Flow Chart

Receiving - Inspection and Testing



Quarantine / Material Release



Batching / Pre-weigh



Processing Steps: Blending, Drying



Process Controls - Screening, Magnet



PC/CCP - Metal Detection (CCP# 1)



Packaging



Testing / Quality Release

Product Code: P26001

Version: 4

Page 5 of 6



FDA number: 16806073982

+44 (0) 1353 667258 | www.c-c-l.com | info@c-c-l.com

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

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

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	First Issue	N/A
2	Updated format and MSDS. Flow chart added.	No
3	Nutritional Information has been added	No
4	Added additional technical information. Removed nutritional data due to product being a mineral. Amended composition. Added Canada and China to Country of origin. Updated product flowchart. General reformat.	Yes

Document Approval

Originator	Approver

Product Code: P26001

Version: 4

Page 6 of 6



FDA number: 16806073982

+44 (0) 1353 667258 | www.c-c-l.com | info@c-c-l.com

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

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