

Product Technical Dossier

Product	Magnesium Aspartate 20% Mg
CCL Product Code	P13018

Specification Details

	Specification
Identification	Positive
Assay (ICP)	Magnesium 20 – 25%
Appearance	Powder
Colour	White to Off-White
Aroma	Characteristic
Flavour	Characteristic

Loss on Drying	Max 10%
Bulk Density	Report Only

Microbiological Limits

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

Heavy Metal Limits

Lead (Pb)	Max 1ppm
Cadmium (Cd)	Max 1ppm
Mercury (Hg)	Max 0.1ppm
Arsenic (As)	Max 1ppm

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Additional Technical Information

The material is Food Grade	Yes
Country of Manufacture	USA
Shelf Life from Date of Manufacture	Min 2 Years
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	CAS Number	Source
L-Aspartic Acid	-	45.9% - 68.8%	56-84-8	Synthetic
Magnesium Oxide	-	34.1% - 51.2%	1309-48-4	Mineral

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.



Allergens and Food Intolerances

Allergens	Product Contains YES/NO	Handled at Manufacture site YES/NO	Please see risk rating A to F listed below
Peanuts and Peanut Derivatives (including possible crosscontamination)	No	No	F
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	C
Sesame Seeds and Sesame Seed Derivatives	No	Yes	C
Milk and Milk Derivatives (including lactose)	No	Yes	C
Egg and Egg Derivatives	No	No	F
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass)</i>	No	Yes	C
Soya and Soya Derivatives	No	Yes	C
Lupin and Lupin Derivatives	No	No	F
Mustard and Mustard Derivatives	No	Yes	C
Celery or Celery Derivatives (including Celeriac)	No	No	F
Fish and Fish Derivatives	No	No	F
Molluscs and their Derivatives	No	No	F
Crustaceans and their Derivatives	No	Yes	C
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	No	No	F

- A - Risk of contact at source during harvesting and may contain traces
 B - Raw material handled on same line as other allergenic materials and may contain traces
 C - Raw material handled on same line as other allergenic materials however formal control programme in place to minimise cross contact risk
 D - Exempt from labelling according to EU regulations
 E - Not handled on the same line
 F - Not handled at manufacture site and therefore no risk of cross contamination



Additives / Contaminants / Dietary Requirements / Intolerances	Product Contains YES/NO	Handled at Manufacture site YES/NO	Please see risk rating A to E listed below
Additives / E Numbers	No	No	F
Antioxidants	No	No	F
Ethylene Oxide	No	No	F
Gelatine	No	No	F
Flavourings (Artificial / Nature Identical / Natural / Smoked)	No	Yes	C
Maize / Corn and any Derivatives	No	Yes	C
Legumes / Pulses	No	Yes	C
Rice and Rice Derivatives	No	Yes	C
Added Salt	No	Yes	C
Added Sugar / artificial or natural sweeteners	No	Yes	C
Aspartame	No	Yes	C
BHA / BHT (E320 / E321)	No	No	F
Caffeine	No	Yes	C
Colours (Artificial / Nature Identical / Natural / Smoked)	No	Yes	C
Dextrose	No	Yes	C
Other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	No	Yes	C
Fruits (Kiwi fruit, orange, banana, apple, peach)	No	Yes	C
Polyols (sugar alcohols)	No	Yes	C
Grapefruit	No	Yes	C
Sorbic Acid (E200, E203)	No	Yes	C
Any other Preservatives	No	Yes	C
Ethanol	No	No	F
Honey	No	No	F
Lactose	No	Yes	C
Yeast and Yeast Derivatives	No	Yes	C
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	F
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	No	No	F
Matsutake mushroom and Derivatives	No	Yes	C
Yam and Derivatives	No	Yes	C
Buckwheat and Derivatives	No	No	F
Palm Oil and Derivatives	No	Yes	C
Coconut and Derivatives	No	Yes	C

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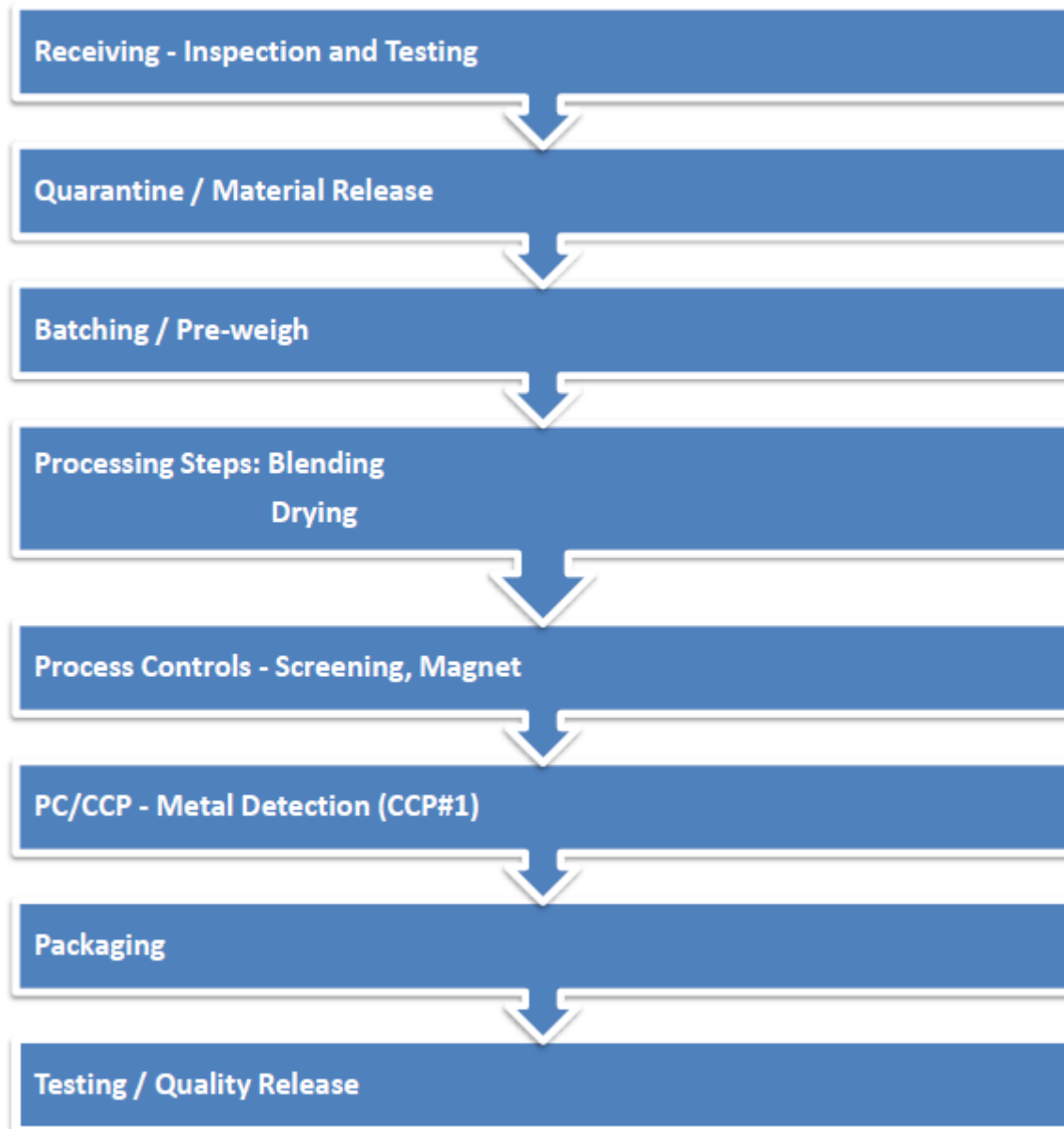
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Statements

<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



Product Flowchart



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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	Added composition table Added flow chart Changed country of origins from USA to Israel, USA, Japan and China	Yes
3	Changed Loss on Drying from Max 5% to Max 10%, Bulk Density from Min 0.5g/ml to report only, pH from 8-11 to 8 – 12, E-Coli from Negative/10g to Negative/g, Staphylococcus aureus from Negative/10g to Negative/g, Coliforms from Negative/10g to Negative/g. Updated Composition table & Allergens/Additives Tables	Yes
4	Removed FEMAS Status & processing used "Fermentation"	Yes
5	Updated allergens/additives table to the new risk rating format. Removed reference to USP. Removed specifications for Sieve & pH as not part of supplier specification.	Yes

Document Approval

Originator	Approver
 Mel Lee Quality Administrator	 C White Senior Quality Specialist

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