

SPECIFICATION

| General Information | | |
|---|--------------------|-------------------------------|
| Product name: "Collagen vegan" from amino acids complex | | |
| Description: complex of Amino Acids produced using a proprietary fermentation process; plant based alternative to Collagen | | |
| Origin: | UK | Article No. 0251-112-N |
| Carrier: | absent (100% pure) | HS-code: 2106 9092 60 |

BASIC ANALYSIS

| Analysis | Description | Test Method |
|--------------------------------------|---------------------------------|---|
| Appearance | White to off-white solid powder | Organoleptic |
| Odour | Faint Odour | Organoleptic |
| Loss on drying | ≤ 1 % | Internal method |
| Total Amino Acids¹ | ≥95% | QBI |
| Solubility | in cold water dispersible | Organoleptic |
| Bulk Density | 0.4-0.8g/ml | EP 2.9.34; EP 2.9.34.-3 |
| Particle Size | >85% | Through 400 micron sieve. Malvern method by Hosokawa |
| Residue on Ignition | <0.4% | USP NF 2022, method 281 |

MICROBIOLOGICAL ANALYSIS

| Analysis | Limit/Specification | Test Method |
|------------------------------|---------------------|-------------|
| Total aerobes germs | < 1000 CFU/g | ISO 4833-1 |
| Yeast & Moulds | < 100 CFU/g | ISO 21527 |
| Coliform | < 10 CFU/g | ISO 6887-1 |
| Escherichia coli | Negative in 1g | ISO 16649-2 |
| Staphylococcus Aureus | Negative in 1g | ISO 6888-1 |
| Salmonella | Absent in 25g | ISO 6579-1 |

HEAVY METALS

| Analysis | Limit/Specification | Test Method |
|-----------------------|---------------------|----------------------------|
| Pb (lead) | ≤3.0 ppm | EN 15763:2010 ³ |
| Cd (cadmium) | ≤1.0 ppm | EN 15763:2010 ³ |
| Hg (mercury) | ≤0.1 ppm | EN 15763:2010 ³ |
| As (arsenic) | ≤1.0 ppm | EN 15763:2010 ³ |

“Collagen vegan” from amino acids complex

COMPOSITION

| Ingredient | Composition % |
|----------------------------------|---------------|
| L-Proline | 24.90 |
| Glycine | 21.90 |
| L-Glutamic Acid | 9.67 |
| L-Alanine | 9.23 |
| L-Arginine (Base) | 7.46 |
| L-Aspartic Acid | 5.68 |
| L-Lysine HCL PWD | 4.26 |
| L-Serine | 3.44 |
| L-Leucine Fermentation | 3.00 |
| L-Valine USP 24 | 2.52 |
| L-Phenylalanine | 2.11 |
| L-Threonine | 1.99 |
| L-Isoleucine Fermentation USP 24 | 1.59 |
| L-Histidine Fermentation only | 0.81 |
| L-Tyrosine Fermentation | 0.73 |
| L-Methionine | 0.71 |
| | 100% |

GUARANTEES

| Quality | Declaration |
|--------------------------------|---|
| GMO | GMO free, does not contain genetically modified organisms (GMOs) as defined in EC 1829/2003 and 1830/2003. During the course of its preparation and production, the product did not come into contact with any GMO raw materials. |
| Pesticides | in accordance with Regulation (EC) No. 396/2005, its Annexes and subsequent amendments |
| Nanoparticles | The product is free of nanoparticles |
| Irradiation/ Ionisation | The product or its ingredients have not been subject to the use of ionisation or irradiation such as gamma rays, electron or X-rays. |
| Heavy metals | conform with Commission regulations (EC) 1881/2006 and 629/2008 |
| ETO | The product has not been treated with Ethylene Oxide |
| Novel Food | None of the ingredients fall under the scope of Regulation (EU) 2015/2283, as amended, concerning novel foods and novel food ingredients. |
| Vegan / Vegetarian | The product does not contain animal derivatives and has not been exposed during the production process to additives having been in contact with animals. |
| Allergens | The product contains no allergens, in compliance with Regulation (EU) Nr. 1169/2011, Appendix II Listed items on site at Manufacturer: Cereals containing gluten, Milk and products thereof (including lactose) |

| | |
|-----------------------|---|
| Kosher | The product is suitable for Kosher diets. It is of 100% plant-origin, with no non-vegan or non-vegetarian compounds/ ingredients used at any point during its growing or processing. |
| Halal | The Product is halal certified |
| Animal Testing | The Product or its ingredients have not been tested on animals, in accordance with regulation 86/609/EEC. |
| BSE/TSE | This product is BSE free (Bovine spongiform encephalopathy) / TSE free (Transmissible spongiform encephalopathes). During the course of its preparation and production, the product did not come into contact with any materials, which could be derived from TSE/BSE risk materials. |
| Packaging | The product is packed in materials compliant with EU packaging Regulation (EC) No. 1935/2004; Regulation (EC) No. 2023/2006, Regulation (EU) No. 10/2011 and subsequent amendments |

CERTIFICATIONS

| Area | Certificates |
|----------------------------|---|
| Quality Management | Our partner, responsible for storage, filling, commissioning and shipping has established a quality management system that has been certified according to EN ISO 9001:2015 |
| Organic regulations | Amazonas Naturprodukte GmbH has been certified in accordance with the EU Organic Regulation since 2005. The current regulation is (EU) 2018/848 — rules on organic production and labelling of organic products. Our Certification: DE - ÖKO 007 Our partner, responsible for storage, filling, commissioning and shipping is also certified according to the EU Eco regulation. Our suppliers are certified according to the EU Eco regulation 2018/848. |

ADDITIONAL INFORMATION

| | |
|-----------------------------|--|
| Instructions for use | Nutritional blend for further processing. |
| Storage Conditions | Keep the original unopened package in a fresh, dry place, away from direct sunlight. |
| Shelf Life | 24 months under recommended storage conditions. |
| Packaging | 25kg packed in a foil laminated bag in a rigid cardboard box. |

This document is computer-produced and valid without signature.

Improper handling or storage – on which we have no influence – may cause variations in quality.