

SPECIFICATION

| General Information | | |
|--------------------------|-----------------------------------------------------------------------------------|----------------------------------|
| Product name: | Acerola fruit powder 17% vitamin C (natural + added) | |
| Process: | Spray drying of Acerola concentrated pressed fruit juice | |
| Botanical Source: | Malpighia glabra/punucifolia L. | Article No. 0021-100-N |
| Origin: | Brazil | Used Part: Fruit |
| Carrier: | ca. 30-40 % organic Maltodextrin (corn GMO free) 1-3% natural cranberry powder | Solubility: in water |
| Ratio: | 3-6:1 (Fruit: Powder) | Irradiation: Free |
| Harvest: | November to April | HS-code: 21069098490/7010 |

BASIC ANALYSIS

| Analysis | Description | Test Method |
|--------------------------|-----------------|----------------|
| Appearance | Fine Powder | Visual |
| Color * | light pink | Visual |
| Taste / Aroma | Characteristic | Gustatory |
| Loss on drying | Max. 8% | Ph. Eur. 2.2.5 |
| Mesh/Granulometry | 50 mesh / 300 µ | Ph.Eur.2.9.12 |
| Vitamin C ** | Min. 17% | NMR-EP 2.2.33 |

* The color may vary naturally depending on ripeness, seasons, climate and geographical area of raw material.

** the analytical deviation for vitamins is about 10%

MICROBIOLOGICAL ANALYSIS

| Analysis | Limit/Specification | Test Method |
|----------------------------------------------|---------------------|--------------------------|
| Total aerobes germs at 30⁰ | < 10.000 CFU/g | Ph. Eur. 2.6.12 / 2.6.31 |
| Yeast/Mold | < 100 CFU/g | Ph. Eur. 2.6.12 / 2.6.31 |
| Enterobacteria | < 100 CFU/g | Ph. Eur. 2.6.12 / 2.6.31 |
| Escherichia coli | Absent in 1g | Ph. Eur. 2.6.12 / 2.6.31 |
| Staphylococcus aureus | Absent in 1g | Ph. Eur. 2.6.12 / 2.6.31 |
| Salmonella | Absent in 25g | Ph. Eur. 2.6.12 / 2.6.31 |

HEAVY METALS

according to the category : 3.3.3 food supplements

| Analysis | Limit/Specification | Test Method |
|-----------------------|---------------------|-----------------|
| Pb (lead) | < 3 mg/Kg | Ph. Eur. 2.4.27 |
| Cd (cadmium) | < 1 mg/Kg | Ph. Eur. 2.4.27 |
| As (arsenic) | < 1 mg/Kg | Ph. Eur. 2.4.27 |
| Hg (mercury) | < 0,1 mg/Kg | Ph. Eur. 2.4.27 |

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ORGANIC COMPOUNDS

| Analysis | Limit/Specification | Test Method |
|------------------------------------------------|---------------------|------------------------------------------|
| Pesticides | 0,01 mg / kg | Multimethode §64 LFGB L 00.00-115 |
| PAH 4 "Polycyclic aromatic hydrocarbon" | 1,0 µg / kg | MTH 13by GCMS |

GUARANTEES

| Quality | Declaration |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| GMO | GMO free, does not contain genetically modified organisms (GMOs) as defined in EC 1829/2003 and 1830/2003 |
| Pesticides | No Pesticides used for the planting and farming process (conform to § 64 LFGB L 00.00-115 + VO396/2005) |
| Allergens | No Allergens, in compliance with EC Directive 2003/89/EC (replacing 2000/13/EC) and 2006/142/EG |
| Heavy metals | conform to VO 1881-2006 |
| Gluten | Gluten-free |
| Lactose | Lactose-free |
| Vegan | The product does not contain animal derivatives and has not been exposed during the production process to additives having been in contact with animals. |
| Kosher | Kosher certification on request |

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 is certified according to the EU Eco regulation 834/2007 and 889/2008/EG since 2005 Our partner, responsible for storage, filling, commissioning and shipping is certified according to the EU Eco regulation 834/2007 and 889/2008 |

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NUTRITION VALUES

| Nährwerte | Nutrition Values | per 100g |
|-----------------------------|---------------------------|--------------------------|
| Brennwert | Calorific value (kcal/kJ) | 1.271 kj / 300 kcal |
| Fett | Fat (g) | 0,3 g |
| davon gesättigte Fettsäuren | of which saturates (g) | 0,0 g |
| Kohlenhydrate | Carbohydrates (g) | 44,1 g |
| davon Zucker | of which sugars (g) | 8,1 g |
| Eiweiß | Protein (g) | 1,5 g |
| Salz | Salt (g) | < 0,23 g |
| Vitamin C | Vitamin C | 17.000 mg (212,5 % RDA) |

ADDITIONAL INFORMATION

| | |
|---------------------------|----------------------------------------------------------------------------------------|
| Storage Conditions | Keep the original package in a fresh, dry place, away from direct sunlight. |
| Shelf Life | The product stability is 36 month from date of manufacture in it's original packaging. |
| Packing | Net weight - 25 kg boxes |