

## SPECIFICATION

General Information		
<b>Product name:</b>	<b>Acerola fruit powder 17% natural vitamin C</b>	
<b>Process:</b>	Spray drying of Acerola concentrated pressed fruit pulp	
<b>Botanical Source:</b>	Malpighia glabra/punucifolia L.	<b>Article No.</b> 0021-120-N
<b>Origin:</b>	Brazil	<b>Used Part:</b> Fruit
<b>Carrier:</b>	20-30 % Maltodextrin (corn, GMO free )	<b>Solubility:</b> in water
<b>Ratio:</b>	12-18 : 1 (Fruit: Powder)	<b>Irradiation:</b> Free
<b>Harvest:</b>	November to April	<b>HS-code:</b> 21069098490/7010

### BASIC ANALYSIS

Analysis	Description	Test Method
<b>Appearance</b>	Fine Powder	Visual
<b>Color *</b>	yellow	Visual
<b>Taste / Aroma</b>	Characteristic	Gustatory
<b>Loss on drying</b>	Max. 8 %	Ph. Eur. 2.8.17
<b>Mesh/Granulometry</b>	≤ 50 mesh / 300 µm	Ph.Eur.2.9.12
<b>Vitamin C natural **</b>	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

according to the category : 11.2 DGHM for dried foods incl. raisins and fruit powders (Stand 2013)

Analysis	Limit/Specification	Test Method
<b>Total aerobes germs at 30°</b>	< 100.000 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
<b>Yeast/Mold</b>	< 10.000 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
<b>Enterobacteria</b>	< 100 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
<b>Escherichia coli</b>	< 10 CFU/g	Ph. Eur. 2.6.12 / 2.6.31
<b>Salmonella</b>	Absent in 25g	Ph. Eur. 2.6.12 / 2.6.31

### HEAVY METALS

according to the category: food supplements in COMMISSION REGULATION (EC) No 629/2008

Analysis	Limit/Specification	Test Method
<b>Pb ( lead )</b>	< 3 mg / kg	Ph. Eur. 2.4.27
<b>Cd ( cadmium )</b>	< 1 mg / kg	Ph. Eur. 2.4.27
<b>Hg ( mercury )</b>	< 0,1 mg / kg	Ph. Eur. 2.4.27

### PESTICIDES + PAH

Analysis	Limit/Specification	Test Method
<b>Pesticides</b>	0,01 mg / kg	<b>Multimethod</b> §64 LFGB L 00.00-115
<b>PAH 4 "Polycyclic aromatic hydrocarbon"</b>	50 µg / kg	<b>MTH 13</b> by GCMS

### GUARANTEES

Quality	Declaration
<b>GMO</b>	GMO free, does not contain genetically modified organisms (GMOs) as defined in EC 1829/2003 and 1830/2003
<b>Pesticides</b>	No Pesticides used for the planting and farming process (conform to § 64 LFGB L 00.00-115 + VO396/2005 )
<b>Heavy metals</b>	conform to VO 1881/2006 and 629/2008
<b>Allergens</b>	No Allergens, in compliance with Regulation (EU) Nr. 1169/2011, Appendix II
<b>Gluten</b>	Gluten-free
<b>Lactose</b>	Lactose-free
<b>Vegan</b>	The product does not contain animal derivatives and has not been exposed during the production process to additives having been in contact with animals.
<b>Kosher</b>	Kosher certification on request

### CERTIFICATIONS

Area	Certificates
<b>Quality Management</b>	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
<b>Organic regulations</b>	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

### NUTRITION VALUES

Nährwerte	Nutrition Values	per 100g
Brennwert	Calorific value (kcal/kJ)	1090 kj / 257 kcal
Fett	Fat (g)	0,5 g
davon gesättigte Fettsäuren	of which saturates (g)	0,2 g
Kohlenhydrate	Carbohydrates (g)	59,9 g
davon Zucker	of which sugars (g)	11,5 g
Eiweiß	Protein (g)	3,1 g
Ballaststoffe	Fibers	0,8 g
Salz	Salt (g)	0,16 g
Vitamin C	Vitamin C	17.000 mg (212,5 % RDA )

### ADDITIONAL INFORMATION

<b>Storage Conditions</b>	Keep the the original package in a fresh, dry place, away from direct sunlight.
<b>Shelf Life</b>	The product stability is 36 month from date of manufacture in it's original packaging.
<b>Packing</b>	Net weight – 20 or 25 kg boxes