

TECHNICAL DATA SHEET

Product	Acerola fruit fluid extract (32°)	
Botanic Name	Malpighia glabra L.	
CAS Number	223747-63-5	
Product Code	EMLPG1FL32	Date 26/09/2019
Production site	Italy	

Antimicrobial preservatives	Absent
Other information	<p>-Control is made on raw material with following limits: <5 ppb aflatoxin B1 <10 ppb total aflatoxin (sum of B1, B2,G1,G2) -Residual pesticides complies to Reg.(EC) No.396/2005 and subs. amendments and updates -Product gluten free and not irradiated -Product does not contain and it is not manufactured from GMO components (EEC Re. 1829/2003 and 1830/2003) -Storage in cool, dark and dry place The product complies to Reg.(EC) No. 1933/2015</p>

TEST	LIMITS	METHODS
Characters	Brown-reddish liquid	Inspection
Identification	Positive (TLC may be performed on the extract or on the half-processed product or on the drug)	TLC and/or botanical identification
Content		
Heavy metals	<= 10 ppm (Pb <3 ppm; Cd <1 ppm; Hg <0.1 ppm)	Atomic absorption
Ethanol content (%V/V)	28.0 - 32.0	
Density (g/ml)	0.980-1.020	
pH	4.0 - 6.0	potentiometric method
Dry residue (m/m)	8.0% - 12.0%	105°C, 3 hours
Microbial contamination		
Aerobic microorganisms *	<= 10000 c.f.u./g	as per Eur.Ph.
Moulds-Yeasts *	<= 100 c.f.u./g	as per Eur.Ph.
Enterobacteriaceae	<= 100 c.f.u./g	as per Eur.Ph.
E.coli (1 g)	Absent	as per Eur.Ph.
Salmonella (25 g)	Absent	as per Eur.Ph.
*	all indicated limits have to be interpreted as 5X according to Eur.Ph	

ALLERGENS FORM		
Product(s) name:	Acerola fruit fluid extract (32°) EMLPG1FL32	
Composition (complete formulation of our products including additives and adjuvants):	– <i>Malpighia glabra</i> fruit – Water – Ethanol	
MAIN ALLERGENS	PRESENCE (YES / NO)	QUANTITY (ppm) in case of presence
Sulphur dioxide and sulfites (specify quantity if higher than 10 ppm or 10 mg / kg)	NO	
Peanut seed and derived products (including oil)	NO	
Cashew - nut (including oil)	NO	
Walnut (including oil)	NO	
Hazelnut (including oil)	NO	
Brazil nut (including oil)	NO	
Pecan nut (including oil)	NO	
Macadamia nut (including oil)	NO	
Pistachio - nut (including oil)	NO	
Pine kernel (including oil)	NO	
Almond (including oil)	NO	
Eggs and derived products	NO	
Fishes – crustaceans and derived products (including gelatin...)	NO	
Molluscs and derived products	NO	
Soya and derived products (including lecithin..)	NO	
Gluten (specify quantity) of following origin	NO	
▪ Wheat	NO	
▪ Rye	NO	
▪ Barley	NO	
▪ rustic wheat (lat. spelta)	NO	
▪ oat	NO	
▪ Kamut®	NO	
▪ hybrid species and derived products from gluten	NO	
Milk	NO	
Dairy products including lactose (specify quantity)	NO	
Sesame seed and derived products (including oil)	NO	
Lupin (lat. lupinus) and derived products	NO	
Celery and derived products	NO	
Mustard and derived products	NO	

THERE IS NO RISK OF CROSS-CONTAMINATION IN OUR PLANTS

COPY CONFORMING TO THE ORIGINAL, VALID ALTHOUGH NOT SIGNED

In case the formula is subjected to modifications or any of the conditions we have guaranteed are changed, we oblige ourselves to inform you immediately.			
DATE		POSITION	SIGNATURE OF THE PERSON RESPONSIBLE
September 2019		_____	_____

PRODUCT OF VEGETAL ORIGIN: BSE/TSE FREE

AGRONOMIC INFORMATION FORMAT	
Plant (Raw Material)	
Scientific (Latin) Name (Genus, species, Author's name):	<i>Malpighia glabra</i> L. (Syn. <i>Malpighia puniceifolia</i> L.)
Regulatory reference	Drug included in the D.M. 10 August 2018
Botanical Family:	<i>Malpighiaceae</i>
Variety or Chemotype:	not available
Common name:	ACEROLA
English Name:	Acerola
Part used:	Fruit
Geographical Origin:	South America
Growth conditions:	
- Cultivated	X
- Wild	
Harvesting conditions:	
- Manual	X
- Mechanical	X
Period of harvest	Throughout the year
Primary processing	
- Washing	yes
- Pressing	yes
- Drying	no
- Milling	yes

* All information included in the present document are strictly in accordance to the original documentation provided by the supplier of the product

Rev. 00 November 2018