

## TECHNICAL DATA SHEET

### YELLOW ACEROLA FR 17% SDJ PR6247

**Botanical kind:** Malpighiaceae Malpighia glabra L. (= Malpighia puniceifolia L.)  
**Part of the plant:** Fruit  
**Carrier(s):** Corn maltodextrin

#### DESCRIPTION

	Specifications	Methods and references
Appearance	<i>Fine hygroscopic powder</i>	
Color	<i>Yellowish to golden yellow</i>	
Odor	<i>Sweet</i>	
Taste	<i>Characteristic</i>	
Solubility	<i>To be tested following the degree of incorporation</i>	

#### ANALYSES

	Specifications		Method and reference
	Min	Max	
Native vitamin C expressed as L-ascorbic acid content [%]	> 17.00	-	MO-129 - HPLC, internal method
Isotopic parameters of ascorbic acid from acerola berry origin (2)	<i>Indicative value</i>		AE-13 - EA-IRMS, Isotopic analysis (Delta C13), internal method
Identification (raw material) (2)	<i>Complies with the phytochemical profile of Malpighia glabra L.</i>		AE-11 - HPLC or HPTLC, internal method
Loss on drying [%] (11)	-	8.00	MO-183 - Eur. Ph. (01/2008:20817) and (02/2008:20816)
Bulk density	0.40	0.80	MO-181 - Eur. Ph. (04/2019:20934)
Total ash content [%] (11)	-	< 10.00	MO-01 - Muffle furnace, Eur. Ph. (01/2008:20416), "Total ash" adapted monograph
pH (1% in demineralized water) (11)	3.0	5.0	MO-03 - pH-meter, Eur. Ph. (07/2016:20203), "Potentiometric determination of pH" monograph
Screening [% < 500 µm]	95.0	-	MO-184 - Granulometer, internal method

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CONTAMINANTS	Specifications		Method and reference
	Min	Max	
Pb content [ppm] (2)	-	< 3.00	AE-01 - ICP, internal method
Cd content [ppm] (2)	-	< 1.00	AE-01 - ICP, internal method
Hg content [ppm] (2)	-	< 0.10	AE-01 - ICP, internal method
Pesticides content [ppm] (2)	< Residual Maximum Limit fixed in European regulation 396/2005 and its modifications		AE-02 - GC-MSMS/LC-MSMS, internal method
Benzo(a)pyrene content [ppb] (2)	-	< 10.0	AE-03 - GC-MS-MS, internal method
PaHs (sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene) content [ppb] (2)	-	< 50.0	AE-03 - GC-MS-MS, internal method

MICROBIOLOGY	Specifications		Method and reference
	Min	Max	
Total aerobic microbial count [CFU/g] (1)	-	< 10 000	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Total yeasts/moulds count [CFU/g] (1)	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Salmonella content [ /25g]	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Bile-tolerant Gram negative bacteria content [CFU/g]	-	< 100	AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)
Escherichia coli content [ /g]	Absent		AE-04 - Eur. Ph. (07/2010:20612) and (01/2014:20631)

(1) Acceptable maximal count: 5 times the acceptance criterion according to Eur. Ph. VIII° Ed. 5.1.8 Category B

(11) First ten batches

(2) On request with additional cost

Best before/ 24  
DMD (in  
months) :

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**INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER**

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PR6247**

**Storage  
conditions:**

*Store in closed original packaging at 5 to 25°C in a dry place and protected from light.*

**Complementary  
data**

*This reference is neither an Active Pharmaceutical Ingredient nor an excipient for pharmaceutical use  
Responsibility of final labelling lies with the company placing the final product on the market.*

- According to Regulation 1999/3/EC, and its modifications, has not been ionized.*
- According to the Regulations 2001/18/EC, 1829/2003 and 1830/2003, and its modifications, the above mentioned item does not contain deliberately added GMO. (fortuitous or technically inevitable traces could be detected at less than 0,9%)*
- The product does not contain TSE/BSE substances*