

Certificate of analysis, Organic Acerola juice powder 17% Vitamin C

Batch no.: P12062008
Date of manufacturing: JULY 2012
Best before: JULY 2014

	Specifications	Analysis Results
Botanical kind	Organic Malpighia emarginata DC / Malpighia glabra L.	standard
Part of the plant	/ Malpighia punicifolia fruit	standard
Description	Yellow spray dried powder, characteristic taste	
Solubility	To be tested following the degree of incorporation	
Carrier	Maltodextrin (to standardise Vitamin C content	
Bulk density (Ph. Eur. IVth ed. 2.2.5)	0.40 to 0.80	0.55
Loss on drying (Ph. Eur. IVth ed. 2.8.17)	< 8.00%	3.52 %
pH (Ph. Eur. IVth ed. 2.2.3)	2.5 – 5.5 (1% in distilled water)	4.0
Heavy metals	< 15 ppm	standard
Pb	< 3 ppm	standard
Cd	< 1 ppm	standard
Hg	< 0.1 ppm	standard
As	< 1 ppm	standard
Screening mesh	< 5% not pass 500 µm	standard
Pesticides	< detection limit	standard
Titratable acidity	5.0 to 15.0 % citric acid monohydrate	7.0 %
Active ingredients	>16% to 18% Vitamin C expressed as L-Ascorbic acid	16.0 %
MICROBIOLOGY		
Total plate count	< 5.000 CFU / g	standard
Yeast / moulds	< 100 CFU / g	standard
Salmonella	Absent / 50g	standard
Bile tolerant Gram negative bacteria	Not detectable/ 0.1g	standard
Storage	keep in a dry and clean place, protected from light.	