

Certificate of analysis, Acerola extract powder 17% natural Vitamin C

Batch no.: P11031403**Date of manufacturing: March, 2011****Best before: March 31st, 2013**

	Specifications	Analysis Results
Botanical kind	Malpighia emarginata DC / Malpighia glabra L. / Malpighia punicifolia	standard
Part of the plant	fruit	standard
Extraction solvent	water	standard
Description	pink powder	pink powder
Solubility	soluble in water	standard
Carrier	wheat maltodextrin, certified gluten-free Content: 20 to 25%	standard
Density (Ph. Eur. IVth ed. 2.2.5)	0.40 to 0.80	0.59
Loss on drying (Ph. Eur. IVth ed. 2.8.17)	< 8.00%	2,91 %
pH (Ph. Eur. IVth ed. 2.2.3)	2.5 – 5.5 (1% in distilled water)	3.1
Heavy metals	< 15 ppm	standard
Pb	< 3 ppm	standard
Cd	< 1 ppm	standard
Hg	< 0.1 ppm	standard
As	< 1 ppm	standard
Total ash	< 8.00%	standard
Screening mesh	< 5% not pass 500 µm	standard
Pesticides	complies with the European pharmacopoeia in force	< detection limit
Active ingredients	>17% in natural Vitamin C	17.42 %
MICROBIOLOGY		
Total plate count	< 10 000 CFU / g	standard
Yeast / moulds	< 100 CFU / g	standard
Salmonella	Absent / 10g	standard
Enterobactia	Absent / g	standard
Staphylococcus aureus	Absent / g	standard
E. Coli	Absent / g	standard
Storage	keep in a dry and clean place, protected from light.	