

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

Batch no.: P10020311
Date of manufacturing: February, 2010
Best before: February, 2012

	Specifications	Analysis Results
Botanical kind	Malpighia puniceifolia	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	standard
Density (Ph. Eur. IVth ed. 2.2.5)	Content: 20 to 25% 0.40 to 0.80	0.61
Loss on drying (Ph. Eur. IVth ed. 2.8.17)	< 8.00%	3.50%
pH (Ph. Eur. IVth ed. 2.2.3)	2.5 – 5.5 (1% in distilled water)	3.1
<u>Heavy metals</u>	< 15 ppm	standard
Pb	< 5 ppm	standard
Cd	< 0.5 ppm	standard
Hg	< 0.2 ppm	standard
As	< 1 ppm	standard
Total ash	< 8.00%	standard
Screening mesh	< 5% not pass 500 µm	standard
<u>Pesticides</u>	complies with the European pharmacopoeia in force	< detection limit
<u>Active ingredients</u>	17% in natural Vitamin C	17.52 %
<u>MICROBIOLOGY</u>		
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.	