



Natural
BIO

CERTIFICATE OF ANALYSIS

Organic product certified by Ecocert FR-BIO-01

Product and Batch Informations			
ACEROLA FRUIT BIO* POUDRE 17% VITAMINE C			
REF : ACERO17B001			
Latin name	<i>Malpighia glabra</i>	Plant part	Fruit
Carrier (%)	5-10% organic manioc maltodextrin	Country of origin	Brazil
Batch	0250080224	Country of manufacturing	Brazil
MF date	20/07/2020	Expiration date	10/07/2022

ANALYSIS ITEM	SPECIFICATION	RESULT	TEST METHOD
Active Ingredients/Substance to control			
Assay	NLT 17% ascorbic acid	17,82%	titration
Physical Control			
Appearance**	Ivory fine powder	Comply	visual
Loss on drying	NMT 6%	4,99%	incubator
pH	3,2 -5,2	4,86	Potentiometric
Particle size*	95% pass 40 mesh	Comply	mesh screen
Chemical Control*			
Total heavy metals	NMT 10ppm	Comply	GC-MS-MS
Lead (Pb)	NMT 3ppm	Comply	GC-MS-MS
Arsenic (As)	NMT 2ppm	Comply	GC-MS-MS
Cadmium(Cd)	NMT 1ppm	Comply	GC-MS-MS
Mercury (Hg)	NMT 0,1ppm	Comply	GC-MS-MS
Pesticides Residues	Meet EP requirements	not detected	GC-MS-MS
4 PAH	NMT 50ppb	Comply	GC-MS-MS
Benzo(a)pyrene	NMT 10ppb	Comply	GC-MS-MS
Microbiological Control			
Total aerobic microbial	500 000cfu/g Max	Comply	Petrifilm
Tot. yeast and mould	500cfu/g Max	Comply	Petrifilm
Salmonella	Negative in 25g	Comply	Plate count
E.Coli	Negative/g	Comply	Fluorocult
S.aureus (coagulase +)	Negative/g	Comply	Plate count
Total coliform	10MPN/g max	Comply	Fluorocult
Allergens/GMO/Irradiation			
Allergens	Allergen free/specify if any		
GMO	Non OGM		
Irradiation	Non irradiation		
Packing and Storage			
Packing	Suitable for food industry		
Storage	In a cool and dry place away from light. Do not freeze		

APPROVED BY : QUALITY DEPARTMENT

*According to a control plan

**Depending to variations of raw material



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