

CERTIFICATE OF ANALYSIS

Product		Acerola fruit dry extract 25% ascorbic acid	
Product Code	100006	Batch	NAT20190804
Product date	06/06/2019	Exp. date	30/06/2022
Botanical Name	Malpighia glabra L.		
CAS Number	223747-63-5		
Country of manufacturing	Italy		
Raw material	South America		
Growing conditions	Cultivated		
Collection period	Summer		
Harvesting conditions	Mechanical		
Extraction solvents	Water		
Excipients	Maltodextrin derived from maize (20% -40%)		
Auxiliary substances	None		
Tapped density	About 0.5 g/ml		
Particle size	NLT 90% through 300 microns		
TEST	RESULTS	LIMITS	METHODS
Characters**	Pink. pinkish, fine powder	Pink, pinkish, fine powder	Inspection
Identification*	Complies	Positive	TLC (ascorbic acid)
Assay	26.2%	>= 25% ascorbic acid	Volumetric determination
Drug extract ratio (DER)	Complies	4:1 (indicative)	Internal method
Loss on drying	Complies	<= 5%	105° C - 3 hours
Residual solvents	Complies	None	None
Heavy metals *	Complies	<= 10 ppm (Pb <3 ppm; Cd <1 ppm; Hg <0.1 ppm)	Atomic absorption
Antimicrobial preservatives	Complies	Absents	
MICROBIOLOGICAL SPECIFICATIONS	RESULTS	LIMITS	METHODS
Aerobic microorganism	Complies	<= 5x10000 c.f.u./g	as per Eur.Ph
Moulds-Yeasts	Complies	<= 5x100 c.f.u./g	as per Eur.Ph
Enterobacteriaceae*	Complies	<= 100 c.f.u./g	as per Eur.Ph
E.Coli (1 g)*	Complies	Absent	
Salmonella (25g)*	Complies	Absent	
Aflatoxins B1*	Complies	< 5 ppb	
Sum of B1, B2, G1, G2*		< 10 ppb	
* Analysis performed on basis of specific self-control plan			
** This being a product of natural origin, minor colour variations are observed due to geographical and seasonal variations of the raw material			
STORAGE CONDITIONS	Store in its closed original packaging at room temperature (5-25°C), away from heat, direct light and moisture		
SHELF-LIFE	3 years from manufacturing date		

Date 14/06/2019

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NATING ITALIA SRL

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Numero REA MI-2505196 - cap.soc. € 10.000,00 i.v -PEC: natingitaliasrl@pec.it - www.natingitalia.it

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OGM	Product does not contain and it is not manufactured from OGM components (Reg. (EC) 1829/2003 and 1830/2003).		
ALLERGENS	Free from substances or products causing allergies or intolerances (Reg. (EU) 1169/2011 annex II).		
CROSS CONTAMINATION	There is no risk of cross-contamination in our plants.		
PESTICIDES *	Comply to Reg. (EC) No. 396/2005 and subs. amendements and updates.		
PAH *	Comply to Reg. (EC) No. 1933/2015.		
IRRADIATION	Not irradiated.		
BSE / TSE	This product does not contain, nor manufactured with any animals products or any materials of animal origin and does not present any risk of cross-contamination by BSE/TSE causing organism.		
GLUTEN	GLUTEN FREE.		
NANO MATERIALS	The extraction process we apply to manufacture our herbal extracts does not involve any kind of nanotechnologies.		
SAFETY	The product does not contain any ingredient/substance classified as dangerous.		
PACKAGING	All requirements for Food Regulation.		
ANIMAL TESTS	All our products are not tested or re-tested on animals.		
SUITABLE	YES	NO	
VEGETARIANS	X		
VEGANS	X		
OVO-LACTO VEGETARIANS	X		

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