

	CERTIFICAT DE CONFORMITE	DATE
		03/06/19
		VERSION N°1

POUR LE CLIENT

NOVOMA SARL
BATIMENT ZEPHYR AVENUE BERNARD
31 400 TOULOUSE

Je soussigné M. WACRENIER, Président de Laboratoire PHYTOCOSMA SAS certifie que le produit cité ci-après est conforme aux spécifications établies.

Nous vous rappelons qu'il vous appartient de vérifier les conditions de distribution et d'utilisation de ces produits conformément à la législation en vigueur.

Code interne
 Désignation interne

Code client
 Désignation client

Numéro de lot Numéro de BL

Date de fabrication DDM

Conditions de conservation

Le produit contient de(s) Allergène(s)

Liste des allergène(s) dans le produit

Le produit contient de(s) Additif(s)

Liste de(s) additif(s) dans le produit

Le produit est BIO

(*Produit issu de l'agriculture biologique FR-BIO-01 et process conforme à la fabrication de produits biologiques)

Le produit est sans OGM Le produit est Ionisé

Le produit est sans Gluten

Conforme Végétarien Conforme Végétalien

Conforme Halal Conforme Casher

CONDITIONNEMENT PRODUIT

Type de produit	Gélules HPMC	Couleur	Transparente
PV interne gélules	24979	Taille	Taille 0
Lot Fournisseur gélules	1-000575	Dosage	458,41mg

Type de conditionnement	Flacons	Quantité par colis	59*50
Quantité conditionnée	2955	Cartons incomplets	1*5

Autres (dont fond de bol)

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COMPOSITION PRODUIT

INGREDIENT(S)	DOSAGE	PV interne	N°LOT FOURNISSEUR
Biotine	50µg	24753	0522110029
Zinc bisglycinate	17,86mg	23633	O-2011042-220326
Séléniométhionine	5,5mg	24224	211A1484E
Arginine base	50mg	25048	LOT00002605
Kératine Cynatine	250mg	24990	K230133
Roquette	50mg	25047	LOT00003227
ES Myrtille	25mg	25049	LOT00002774
Amidon de riz	60mg	24992	2320296020

14/12/23

Service qualité

PHYTOCOSMA Laboratoires
23 Route du Burgaud
82600 AUCAMVILLE
Tél. : 05 63 02 71 07
phytocosma@orange.fr
SAS au capital de 13 720,41 euros
RCS MONTAUBAN 432 694 354



GONMISOL
FINE INGREDIENTS

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Sant Adrià de Besòs 08930
Barcelona - Spain (EU)

Certificate of analysis

Certificado de análisis

**D-BIOTIN (VIT H)
USP EP**

Batch	Manufactured	Expiration	Quantity
0522110029	28/11/2022	27/11/2025	0,04 Kg
Product	D-Biotin Pure Food Grade USP2022/EP9.4		
Appearance	White or off-white crystalline powder		Conform
Solubility	Very slightly soluble in water and in alcohol, practically insoluble in acetone. It dissolves in dilute solutions of alkali hydroxides		Conform
Identification A	Ph. Eur: IR		Conform
Identification B*	Ph. Eur: TLC		Conform
	Ph. Eur: Reaction with bromine water		
Identification C	USP: (HPLC) The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay		Conform
Clear and colour	0.01g/ml solution (in 4g/l NaOH) is clear and colourless		Conform
Heavy metals*	≤10 mg/kg		<10 mg/kg
Arsenic*	≤1.0 mg/kg		0.09 mg/kg
Lead*	≤0.5 mg/kg		0.10 mg/kg
Cadmium*	≤0.5 mg/kg		<0.5 mg/kg
Mercury*	≤0.1 mg/kg		<0.1 mg/kg
Sulphated ash	≤0.1%		0.06%
Specific Optical Rotation	+89° ~ +93°		+90.5°
Melting point	229 ~ 232		Conform
Organic volatile impurity	Meets USP requirement		Conform
Assay (Titration, 0.1N NaOH)	98.5% ~101%		99.9%
Assay (HPLC)	97.5% ~102%		99.8%
Related substances	PhEur: TLC: Any impurity obtained in test sol. (a) shall not be more intense than that in ref. (b) (0.5%) and at most one of ref (c) (0.25%)		



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**D-BIOTIN (VIT H)
USP EP**

Batch	Manufactured	Expiration	Quantity
0522110029	28/11/2022	27/11/2025	0,04 Kg

	USP: HPLC: Individual impurity not more than 1.0%; total impurities not more than 2.0%	Conform
Loss on drying	≤0.2%	0.04%
Total Plate Count*	<1000cfu/g	Qualified
Yeasts & Moulds*	<100cfu/g	Qualified
E.Coli*	Negative (in 1g)	Negative
Salmonella spp*	Negative (in 10g)	Negative
*Test verified on random samples		

Conclusion: Conforms to USP2022/EP9.4
Shelf life: 3 year from manufacture date

Zinc bisglycinate 28% powder				
Product Code :			2011042	
Certificate of Analysis				
Version SDS	Date	Conclusion	Validated by	Sign
003	2022-10-26	Conform	C.GRANET Quality assurance	<i>Granub</i>
Manufacturing**				
Chemical name	Zinc Bisglycinate			
EINECS N°	238-173-1			
Additives / Carrier	None			
Origin	China			
Batch number	O-2011042-220326	Manufacture Date	2022-03	
		Best Before Date	2024-03	
Properties	Specifications		Results **	
Organoleptic				
Appearance	White powder		White powder	
Physical and Chemical **				
Loss on drying	≤ 3%	0,58%		
Particle size	≥ 90% pass through #60 mesh	Complies		
Identificaton	Positive	ND		
Assay **				
Zinc	≥ 28%	30,62%		
Microbiological * / **				
Total Viable Count	≤ 3 000 CFU/g	< 1 000 CFU/g		
Yeasts & Moulds	≤ 300 CFU/g	< 100 CFU/g		
E.coli	Negative	Complies		
Salmonella	Negative	Complies		
Contaminants * / **				
Total heavy metals	≤ 10 ppm	Complies		
Lead	≤ 3 ppm	Complies		
Cadmium	≤ 1 ppm	Complies		
Mercury	≤ 0.1 ppm	Complies		
Arsenic	≤ 1 ppm	Complies		
Allergens	Absence			
Ionization	Certified in compliance with Regulation 1999/2/CE & 1999/3/EC.			
TSE/BSE	Certified in compliance with Regulation 999/2001/EC			
Nanomaterials	Certified in compliance with Decree 2012/232 & Decree dated August 6th, 2012			
GMO	Certified in compliance with Regulation 1829/2003/EC & 1830/2003/EC			

*According to a control plan

** Based on our prducer's information

Remarks: To be stored in original tightly closed package away from moisture and sunlight

Abbreviations: ND: not determined / NA: not applicable



Product Code 32337-19-27
 Lot number 211A1494E
 Production Date November 17, 2022
 Expiration Date November 17, 2025

Physico-Chemical Analyses

Parameter	Specification	Result	Reference
Selenium (µg/g) ^B	2 000 – 2 400	2 160	ICP-MS
Selenomethionine (ppm) ^B	Typical 3 000 – 5 000	3 930	HPLC
Particle size (% through 60M) ^A	≥ 99	100	Internal method
Moisture (%) ^A	≤ 6	3.7	Mettler Toledo moisture halogen analyzer
Protein (%) ^B	≥ 40	53	Kjeldahl
Density (g/100 mL) ^A	48 – 68	62	Internal method
Lead (ppm) ^B	< 1	< 1	ICP
Arsenic (ppm) ^B	< 1	< 1	ICP
Mercury (ppm) ^B	< 0.1	< 0.1	ICP
Cadmium (ppm) ^B	< 1	< 1	ICP
Ash (typical content, %) ^B	6 - 8	6 - 8	EÜ 152/2009 III Lisa M

Microbiological Analyses

Parameter	Specification	Result	Reference
Total Plate Count (CFU/g) ^A	< 3 000	600	MFHPB 18
Yeast and Molds (CFU/g) ^A	< 100	10	MFHPB 22
Coliforms (CFU/g) ^B	< 10	Negative	ISO 4831
<i>P. aeruginosa</i> (/10g) ^B	Negative	Negative	4TM-TJ-62
<i>E. coli</i> (/10g) ^B	Negative	Negative	EVS-EN ISO 16649-3
<i>S. aureus</i> (/10g) ^B	Negative	Negative	EVS-EN ISO 6888-3
Salmonella ^B	Negative /125g	Negative /375g	EVS-EN ISO 6579

Sensory Analyses

Parameter	Specification	Result
Appearance ^A	Meet Standards	Meet Standards
Odor ^A	Meet Standards	Meet Standards

TDS revision: 1 December 2021

A – in-house laboratory

B – external laboratory

Carolin Tammepõld
 Chemist-Microbiologist
 Salutaguse Pärmithehas, Estonia
 December 20, 2022



Certificate of Analysis

CA001537

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Product Description	L-Arginine base powder fermentation origin
Product Code	1710161
Batch Number	LOT00002605
Production Date	01/12/22
Best Before Date	01/12/27

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ORIGIN					
ORIGIN	Indonesia/China				
ORGANOLEPTIC					
TEXTURE	Crystalline powder			Crystalline powder	
COLOR	White or almost white			White	
ODOR	Characteristic			Characteristic	
PHYSICAL AND CHEMICAL ***					
IDENTIFICATION	Conform to EP Standard			Complies	
LOSS ON DRYING			0,500	0,220	%
ASH			0,100	0,079	%
OPTICAL ROTATION		25,5	28,5	27,46	°
SOLUBILITY IN WATER	Freely soluble			Complies	
PARTICULE SIZE	20-60			ND	MESH
ASSAY **/****					
Assay (on dry basis)		98,500	101,000	99,450	%
MICROBIOLOGICAL **/****					
TOTAL PLATE COUNT			1 000	< 10	CFU/G
YEAST AND MOULD			100	Absence	CFU/G

Certificate of Analysis

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Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
STAPHYLOCOCCUS AUREUS			0	Absence	CFU/G
E COLI			0	Absence	CFU/G
SALMONELLA			0	Absence	CFU/10G
HEAVY METALS **/**					
CADMIUM			1,000	< 0,500	PPM
LEAD			3,000	< 0,500	PPM
MERCURY			0,100	Complies	PPM
ARSENIC			1,000	Complies	PPM
IRON			10,000	Complies	PPM
CONTAMINANT***					
SULPHATE			0,03	< 0,02	%
CHLORIDE			0,02	Complies	%
AMMONIUM			0,02	Complies	%

Signed by:

GRANET Chloé

Certification Date :

04/08/23

**Product certified by ECOCERT FR-BIO-01*

***According to a control plan*

****Based on our producer's information*

*****Acceptable maximal count: 5 times the acceptance criterion according to European Pharmacopoeia X° Edition 5.1.8 Category B or C (1) By calculation*

*Abbreviations: ND: not determined / NA: not applicable / HA : Hydroalcoholic / PE: Powder extract / FE : Fluid extract / SE : Soft extract
For herbal product : there is likely to be minor colour variation from batch to batch because of the seasonal variations of raw materials. Colour change will not affect the quality and efficacy of the product.*



Certificate of Analysis

Product description

Hydrolyzed keratin peptide powder

Lot #:

K230133

Amount tested:

50g

Expiration date:

05/2028

Manufacture date:

05/2023

PHYSICAL CHEMICAL

Analysis	Standards	Units	Results
Color	Yellow Powder	-	Conforms
Loss on drying	< 10	%	Conforms
Peptides	> 60	%	70,09
Minerals	< 40	%	30,03
*pH (10% water w/w)	$4 \leq \text{pH} \leq 6$	-	Conforms
*Arsenic	< 1	ppm	Conforms
*Lead	< 1	ppm	Conforms
*Mercury	< 0,1	ppm	Conforms
*Cadmium	< 1	ppm	Conforms
Copper	< 50	ppm	Conforms

MICROBIOLOGY

Analysis	Standards	Units	Results
Total aerobic plate count	< 1000	cfu/g /10g	Conforms
Yeasts and molds	< 100	cfu/g /10g	Conforms
Total coliform	Absent	/1g	Conforms
E. coli	Absent	/10g	Conforms
Salmonella	Absent	/25g	Conforms
Staphylococcus aureus	Absent	/10g	Conforms

* Monitored by a plan (10% of yearly production)

Overall analysis:

Conforms

Quality Control Manager: Jean-Sébastien VELLA

Date (mm/dd/yyyy):

11/09/2023

KERAT³ INNOV

37, Av du Mistral Athélia IV
13705 La Ciotat France

Tel: +(0)6 26 18 15 00 Fax +33 04 42 08 89 49 - lcarlini@keratinnov.com

Certificate of Analysis

CA002045

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Product Description	ORGANIC* Rocket Leaves HA PE 4-1
Latin Name	<i>Eruca sativa Mill.</i>
Product Code	2102157
Batch Number	LOT00003227
Production Date	03/11/23
Best Before Date	03/11/25

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ORIGIN					
ORIGIN	France				
ORGANOLEPTIC					
TEXTURE	Powder			Powder	
COLOR	Beige to brown			Dark beige	
ODOR	Characteristic			Characteristic	
PHYSICAL AND CHEMICAL***					
LOSS ON DRYING			8,000	4,010	%
BULK DENSITY		0,300	0,700	0,570	
pH		4,000	7,000	5,300	
Pass 35 mesh		90,0		100,0	%
MICROBIOLOGICAL **/****					
TOTAL PLATE COUNT			10 000	2 728	CFU/G
YEAST AND MOULD			100	41	CFU/G
ENTEROBACTERIAE			100	< 10	CFU/G
E COLI			10	Complies	CFU/G
SALMONELLA			0	Absence	CFU/25G
HEAVY METALS **/****					
CADMIUM			1,000	ND	PPM
LEAD			3,000	ND	PPM

Certificate of Analysis

CA002045

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Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
MERCURY			0,100	ND	PPM
ARSENIC			1,000	ND	PPM
CONTAMINANTS***					
PESTICIDES	≤ detection limit internal method			ND	
BENZO(A)PYRENE			10,000	ND	PPB
PAH's			50,000	ND	PPB
MYCOTOXINS	Complies with regulation 1933/2015/EC			ND	

Signed by:

GRANET Chloé

Certification Date :

08/11/23

**Product certified by ECOCERT FR-BIO-01*

***According to a control plan*

****Based on our producer's information*

*****Acceptable maximal count: 5 times the acceptance criterion according to European Pharmacopoeia X° Edition 5.1.8 Category B or C
(1) By calculation*

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Certificate of Analysis

CA001681

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Product Description	Bilberry Fruit aqueous PE 4-1
Latin Name	<i>Vaccinium uliginosum L</i>
Product Code	2205270
Batch Number	LOT00002774
Production Date	01/08/23
Best Before Date	01/08/25

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ORIGIN					
ORIGIN	China				
ORGANOLEPTIC					
TEXTURE	Powder			Powder	
COLOR	Purple red			Purple	
ODOR	Characteristic			Characteristic	
PHYSICAL AND CHEMICAL ***					
LOSS ON DRYING			5,000	4,140	%
ASH			5,000	3,910	%
Pass through 80 MESH		90,0		100,0	%
MICROBIOLOGICAL **/****					
TOTAL PLATE COUNT			1 000	Complies	CFU/G
YEAST AND MOULD			100	Complies	CFU/G
E COLI			0	Absence	CFU/G
SALMONELLA			0	Absence	CFU/G
HEAVY METALS **/****					
CADMIUM			1,000	Complies	PPM
LEAD			3,000	Complies	PPM
MERCURY			0,100	Complies	PPM
ARSENIC			1,000	Complies	PPM

Certificate of Analysis

CA001681

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Signed by:

GRANET Chloé

Certification Date :

07/09/23

**Product certified by ECOCERT FR-BIO-01*

***According to a control plan*

****Based on our producer's information*

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