CERTIFICAT DE CONFORMITE

VERSION N°1

POUR LE CLIENT	NUV

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	NUVCHE01
Désignation interne	FORMULE CHEVEUX
Code client	3 770025 711485
Désignation client	FORMULE CHEVEUX

Numéro de lot	D17702	Numéro de BL	21672
Date de fabrication	03/03/2025	DDM	03/2028

Conditions de conservation	A conserver à l'abri de l'oxygène et de la lumière à une température comprise entre 15 et 25°C dans son emballage d'origine
Le produit contient de(s) Allergène(s)	Non

Liste des allergène(s) dans le produit

Non applicable

Le produit contient de(s) Additif(s)	Non

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

Non applicable

Le produit est BIO	Non

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

Le produit est sans OGM	Oui	Le produit est Ionisé	Non
Le produit est sans Gluten	Non		
Conforme Végétarien	Oui	Conforme Végétalien	Oui
Conforme Halal	Oui	Conforme Casher	Oui

CONDITIONNEMENT PRODUIT

Type de produit	Gélules HPMC	Couleur	Transparente
PV interne gélules	26289	Taille	Taille 0
Lot Fournisseur gélules	1-001145	Dosage	458,41mg

Type de conditionnement	Piluliers	Quantité par colis	120*50
Quantité conditionnée	6019	Cartons incomplets	1*19

Autres (dont fond de bol)	

COMPOSITION PRODUIT

INGREDIENT(S)	DOSAGE	PV interne	N°LOT FOURNISSEUR
Biotine	50µg	25878	0524020013
Zinc bisglycinate	17,86mg	26100	LOT00005657
Séléniométhionine	5,5mg	25618	310A1035E
Arginine base	50mg	26024	BHAD231030
Kératine Cynatine	250mg	25218+26201	K230226+K240121
Roquette	50mg	25960+26438	LOT00005445 – 6423
ES Myrtille	25mg	26045 + 26235	LOT00002774 + 26235
Amidon de riz	60mg	26132	2420427350

12/03/25
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

CYNATINE® HNS

Certificate of Analysis

Product description: Hydrolyzed keratin peptide powder

Lot #: K230226
Amount tested: 50g
Expiration date: 11/2028
Manufacture date: 11/2023

PHYSICAL CHEMICAL

Analysis	Standards	Units	Results
Color	Yellow Powder	-	Conforms
Loss on drying	< 10	%	Conforms
Peptides	> 60	%	68,22
Minerals	< 40	%	31,11
*pH (10% water w/w)	4≤ pH ≤ 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): 01/29/2024

KERAT9 INNOV
37, Av du Mistral Athélia IV
13600 La Ciotat France
contact@keratinnov.com

CYNATINE® HNS

Certificate of Analysis

Product description: Hydrolyzed keratin peptide powder

Lot #: K240121
Amount tested: 50g
Expiration date: 07/2029
Manufacture date: 07/2024

PHYSICAL CHEMICAL

Analysis	Standards	Units	Results
Color	Yellow Powder	-	Conforms
Loss on drying	< 10	%	Conforms
Peptides	> 60	%	69,96
Minerals	< 40	%	29,66
*pH (10% water w/w)	4≤ pH ≤ 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	Conforms
Yeasts and molds	< 100	cfu/g	Conforms
Total coliform	Absent	/1g	Conforms
E. coli	Absent	/10g	Conforms
Salmonella	Absent	/25g	Conforms
Staphylococcus aureus	Absent	/10g	Conforms

** Monitored by a plan*

Overall analysis: Conforms

Quality Control Manager: Jean-Sébastien VELLA

Date (mm/dd/yyyy): 11/07/2024

KERAT' INNOV
37, Av du Mistral Athélia IV
13600 La Ciotat France
contact@keratinnov.com

nutragroup INGREDIENTS Omnipharm

Certificate of Analysis

CA004187

Product Description	Bilberry Fruit aqueous PE 4-1
Latin Name	*Vaccinium uliginosum L*
Product Code	2205270
Batch Number	LOT00006050
Production Date	14/11/24
Best Before Date	13/11/26

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ORIGIN					
ORIGIN	China				
ORGANOLEPTIC					
TEXTURE	Powder			Powder	
COLOR	Purple red			Purple red	
ODOR	Characteristic			Characteristic	
PHYSICAL AND CHEMICAL ***					
LOSS ON DRYING			5,000	3,690	%
ASH			5,000	2,270	%
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

nutragroup INGREDIENTS Omnipharm

Certificate of Analysis

CA004187

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
CONTAMINANT					
PESTICIDES	Complies with RCE 396/2005			Complies with RCE 396/2005	

Signed by: DORY Louise **Certification Date :** 27/12/24

**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 : Hydroalcoolic / 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.

nutra GROUP INGREDIENTS Omnipharm

Certificate of Analysis

CA001681

Product Description	Bilberry Fruit aqueous PE 4-1
Latin Name	*Vaccinium uliginosum L*
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

nutragroup

Certificate of Analysis

CA004459

Product Description	ORGANIC* Rocket Leaves HA PE 4-1
Latin Name	*Eruca sativa Mill.*
Product Code	2102157
Batch Number	LOT00006423
Production Date	15/02/25
Best Before Date	15/02/27

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	3,940	%
BULK DENSITY		0,300	0,700	0,630	
pH		4,000	7,000	5,900	
Pass 35 mesh		90,0		100,0	%
MICROBIOLOGICAL **/* **					
TOTAL PLATE COUNT			10 000	136	CFU/G
YEAST AND MOULD			100	<10	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

nutra GROUP INGREDIENTS Omnipharm

Certificate of Analysis

CA003755

Product Description	ORGANIC* Rocket Leaves HA PE 4-1
Latin Name	*Eruca sativa Mill.*
Product Code	2102157
Batch Number	LOT00005445
Production Date	25/09/24
Best Before Date	25/09/26

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ORIGIN					
ORIGIN	France				
ORGANOLEPTIC					
TEXTURE	Powder			Powder	
COLOR	Beige to brown			Light brown	
ODOR	Characteristic			Characteristic	
PHYSICAL AND CHEMICAL* **					
LOSS ON DRYING			8,000	4,150	%
BULK DENSITY		0,300	0,700	0,560	
pH		4,000	7,000	5,390	
Pass 35 mesh		90,0		100,0	%
MICROBIOLOGICAL **/* **					
TOTAL PLATE COUNT			10 000	7 150	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

nutra GROUP INGREDIENTS Omnipharm

Certificate of Analysis

CA003755

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: DORY Louise **Certification Date :** 30/09/24

**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 : Hydroalcoolic / 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.

Référence n° 055 017
Certificat d'analyse
Certificate of analysis

L-ARGININE BASE

La L-arginine base est obtenue par fermentation à partir de source végétale – cette qualité est conforme aux monographies FCC11, EP 10., USP43- Numéro CAS : 74-79-3

L-arginine base is obtained by fermentation from vegetal source. The product meets quality requirements of current FCC 11, USP 43 and EP 10 - CAS Number: 74-79-3

Caractéristiques Générales / *General Characteristics*

Numéro de lot / *Batch number*	**BHAD231030**
Date de production / *Manufacturing date*	**30/10/2023**
DDM / *Shelf life*	**29/10/2028**

Analyses Physico Chimiques / *Physico-chemical Analysis*

Critère / *Item*	Standards / *Specifications*	ésultats / *Test Results*
Apparence / *Appearance*	Poudre crystalline / *Crystalline Powder*	Conform
Couleur / *Color*	Blanc à beige / *White to off white*	Conform
Arôme / *Aroma*	Caractéristique / *Characteristic*	Conform
Goût / *Flavour*	Caractéristique / *Characteristic*	Conform
Principe actif / *Assay*	98.5 – 101.0 %	99.68 %
Transmission / *Transmittance*	> 98 %	99.17 %
Rotation spécifique / *Specific rotation 20°C*	+26.9° à +27.9°	+27.49 °
Humidité / *Loss on drying*	≤ 0.5%	0.24 %
Cendres / *Loss on ignition*	≤ 0.1%	0.088 %
Chlorure / *Chloride*	≤ 0.02%	Conform
Sulphate / *Sulfate*	≤ 0.02%	Conform
Ammonium	≤ 0.02%	Conform

Métaux Lourds / *Heavy Metals*

Critère / *Item*	Standards / *Specifications*	Résultats / *Test Results*
Total	≤ 5 mg/kg	Conform
Plomb / *Lead*	≤ 0.5 mg/kg	Conform
Arsenic / *Arsenic*	≤ 1.0 mg/kg	Conform
Cadmium / *Cadmium*	≤ 0.5 mg/kg	Conform
Mercure / *Mercury*	≤ 0.1 mg/kg	Conform

SEAH INTERNATIONAL – B.P. 275 – Z.I. de la Trésorerie - 62204 BOULOGNE-SUR-MER CEDEX – France
Tel. : + 33 (0)3 21 32 29 29 – Fax : + 33 (0)3 21 32 28 28 – Email : welcome@seah.net

Référence n° 055 017
Certificat d'analyse
Certificate of analysis

Analyses Microbiologiques / *Bacteriological Analysis*

Critère / *Item*	Standards / *Specifications*	Résultats / *Test Results*
Flore totale / *Standard plate count*	< 100 ufc/g	< 10 ufc/g
Levure et moisissure / *Yeast and mould*	< 10 ufc/g	< 10 ufc/g
E. coli	< 10 ufc/g	< 10 ufc/g
Coliformes / *Coliforms*	< 10 ufc/g	< 10 ufc/g
Bacillus cereus	< 10 ufc/g	< 10 ufc/g
Clostridium perfringens	< 10 ufc/g	< 10 ufc/g
Clostridium botulinum	Negative/g	Negative/g
Staphylococcus aureus	Negative/g	Negative/g
Enterobacteriaceae	Negative/g	Negative/g
Salmonelles / *Salmonella*	Negative/25g	Negative/25g

Stockage / *Storage*

Le produit se conserve dans son emballage d'origine fermé / *To be stored in unopened original packaging.*

A stocker dans un lieu sec et frais / *To be stored in a cool and dry place.*

Note

Ce produit étant une matière première naturelle, il peut présenter des fluctuations, notamment de couleur, indépendantes de notre volonté et pour lesquelles SEAH International ne serait être tenu pour responsable. Se conformer à la réglementation en vigueur pour l'utilisation de ce produit.

This product being a natural raw material, fluctuations may occur (like color changes for example), which are beyond our control and for which we could not be held responsible. Conform to the regulations in effect for this product use.

SEAH INTERNATIONAL – B.P. 275 – Z.I. de la Trésorerie - 62204 BOULOGNE-SUR-MER CEDEX – France
Tel. : + 33 (0)3 21 32 29 29 – Fax : + 33 (0)3 21 32 28 28 – Email : welcome@seah.net

Lallemand | Bio-Ingredients

Certificate of Analysis

LALMIN® Se2000

Product Code	32337-19-27
Lot number	310A1035E
Production Date	October 03, 2023
Expiration Date	October 03, 2026

Physico-Chemical Analyses

Parameter	Specification	Result	Reference
Selenium (µg/g) [B]	2 000 – 2 400	2 110	ICP-MS
Selenomethionine (ppm) [B]	Typical 3 000 – 5 000	3 900	HPLC
Particle size (% through 60M) [A]	≥ 99	99	Internal method
Moisture (%) [A]	≤ 6	3.6	Mettler Toledo moisture halogen analyzer
Protein (%) [A]	≥ 40	58	CEM Sprint analyzer
Density (g/100 mL) [A]	48 – 68	59	Internal method
Lead (ppm) [B]	< 1	< 1	ICP-MS
Arsenic (ppm) [B]	< 1	< 1	ICP-MS
Mercury (ppm) [B]	< 0.1	< 0.1	ICP-MS
Cadmium (ppm) [B]	< 1	< 1	ICP-MS
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
P. *aeruginosa* (/10g) [B]	Negative	Negative	4TM-TJ-62
E. *coli* (/10g) [B]	Negative	Negative	EVS-EN ISO 16649-3
S. *aureus* (/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

Lusine Ehavere
QC Specialist
Salutaguse Pärmitehas, Estonia
December 27, 2023

1620 Préfontaine | Montréal | H1W 2N8 | Canada | Tel: +1 866 773 4246 | Fax: +1 514 221 3063 | info@bio-lallemand.com
Toftebakken 9B | Birkerod | 3460 | Denmark | Tel: +45 45 95 08 50 | Fax: +45 45 83 99 88 | www.bio-lallemand.com

nutra GROUP INGREDIENTS Omnipharm

Certificate of Analysis

CA003928

Product Description	Zinc bisglycinate 28% powder
Product Code	2011042
Batch Number	LOT00005657
Production Date	29/07/24
Best Before Date	28/07/26

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ORIGIN					
ORIGIN	China				
ORGANOLEPTIC					
TEXTURE	Powder			Powder	
COLOR	White			White	
PHYSICAL AND CHEMICAL ***					
LOSS ON DRYING			3,000	0,320	%
Pass 60 mesh		90,0		Complies	%
ASSAY **/***					
Zinc		28,000		30,630	%
MICROBIOLOGICAL **/***					
TOTAL PLATE COUNT			3 000	Complies	CFU/G
YEAST AND MOULD			300	Complies	CFU/G
E COLI			0	Absence	CFU/G
SALMONELLA			0	Absence	CFU/25G
HEAVY METALS **/***					
TOTAL HEAVY METALS			10,000	Complies	PPM
CADMIUM			1,000	Complies	PPM
LEAD			3,000	Complies	PPM
MERCURY			0,100	Complies	PPM

nutra GROUP INGREDIENTS Omnipharm

Certificate of Analysis

CA003928

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
ARSENIC			1,000	Complies	PPM

Signed by: DORY Louise **Certification Date :** 04/11/24

**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 : Hydroalcoolic / 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.

GONMISOL
FINE INGREDIENTS
info@gonmisol.com
www.gonmisol.com

Productos Químicos Gonmisol S.A.
T: (+34) 93 313 61 18
F: (+34) 93 314 74 27
Calle Einstein, 8
Alcobendas 28108
Madrid - España (EU)

Certificate of analysis

Certificado de análisis

D-BIOTIN (VIT H) USP EP

Batch	Manufacturer	Manufactured	Expiration	Quantity
0524020013	DES80 - 35XSTX	20/02/2024	19/02/2027	300 Kg

Product	D-Biotin Pure Food Grade USP2022/EP9.4	
Description		
Ingredients	D-Biotin pure	
Synonym	Vitamin H; Biotin; 1H-Thieno[3,4-d]imidazole-4-pentanoic acid	
Formula	C10H16N2O3S	
CAS No	58-85-5	
Properties		
Aspect	A white or almost white, crystalline powder or colourless crystals, clear and colourless of 10g/L in 4 g/L solution of sodiumhydroxide	Conform
Assay (Titration, 0.1N NaOH)	98.5% ~101%	99.8%
Assay (HPLC)	97.5% ~102%	99.6%
Loss on drying	max. 0.2%	0.06%
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
Identification C	Ph. Eur: Reaction with bromine water	Conform
Identification C	USP: (HPLC) The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtaned in the Assay	Conform
Specific Optical Rotation	+ 89° – + 93 ° (Ph. Eur., USP, FCC)	+91.l°
Melting point	229 °C – 232 °C (FCC)	Conforrn
Sulphated ash	max. 0.1%	0.06%
Clear and colour	O.O lg/ml solution (in 4g/l NaOH) is clear and colourless	Conform

GONMISOL
FINE INGREDIENTS
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Productos Químicos Gonmisol S.A.
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Alcobendas 28108
Madrid - España (EU)

Certificate of analysis

Certificado de análisis

D-BIOTIN (VIT H) USP EP

Batch	Manufacturer	Manufactured	Expiration	Quantity
0524020013	DES80 - 35XSTX	20/02/2024	19/02/2027	300 Kg

Heavy metals	max. 10 mg/kg	
Arsenic (As)	max. 1.0 mg/kg	0.02 mg/kg
Lead (Pb)	max. 0.5 mg/kg	0.02 mg/kg
Cadmium (Cd)	max. 0.5 mg/kg	<0.5mg/kg
Mercury (Hg)	max. 0.1 mg/kg	
Microbiological specs		
Total Plate Count	<1000cfu/g	Qualified
Yeasts & Moulds	<100cfu/g	Qualified
E.Coli	Negative (in 1g)	Negative
Salmonella spp	Negative (in 10g)	Negative
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%)	Conform
	USP: HPLC: Individual impurity not more than 1.0%; total impurities not more than 2.0%	Conform
Organic volatile impurity	Meets USP requirement	Conform

Handling
Stability: The product is stable to air, heat and light
Storage: Store in a tight container in a dry place
Usage: For cosmetic and food industry, product can also be used as feed additive which consists of Biotin (3a880)
dosage in feed: as per latest version of European feedstuff law
Shelf life: 3 years

connecting nutrition and health

Certificate of Analysis

General Information

Product	Remy O DR6	**Production Date**	31/07/2024	(dd/mm/yyyy)
Batch	2420427350	**Best before**	30/07/2028	(dd/mm/yyyy)
Issued by	Quality Control Management	**Date CoA Issued**	26/09/2024	(dd/mm/yyyy)

Results of analyses

Parameter	Result	Unit	Method [1]	LSL	USL
Physical and Chemical Parameters					
Moisture	6	g/100g	ISO 712		≤ 14
Protein content (N*6,25) on DM	4,4	g/100g d.m.	ISO 1871 [1]		≤ 7,0
Ash content on DM	0,2	g/100g d.m.	ISO 3593		≤ 1,0
Rheological Parameters					
Starting gel point, pH as is, 6%	82	°C	Brabender	≥ 60	
End viscosity, pH as is, 6%	640	BU	Brabender	≥ 500	
Microbiological Parameters					
Salmonella (/375g)	Negative	/375g	ISO 6579		Negative
Total mesophilic bacteria (aerobic)	20.000	cfu/g	ISO 4833		≤ 100.000
Yeasts and Moulds	270	cfu/g			≤ 1.000
Enterobacteriaceae	80	cfu/g			≤ 100

[1] or (acknowledged and) validated equivalent

Remarks

We herewith confirm that the product complies with the corresponding guarantees listed in its Product Sheet .

Rice starch issued from organic farming, Certisys BE-BIO-01

This certificate is issued automatically, it does not need a signature .

FORM Beneo-Remy QC lot Coa V:02

LIMS: 117.731

CapsCanada®
a Lyfe Group Co.

K-CAPS®
Capsules of Vegetable Origin

CERTIFICATE OF ANALYSIS
EMPTY HARD CAPSULES OF VEGETABLE ORIGIN

CUSTOMER: GOCAPS GMBH

LOT No.: K2409002176 **PRODUCT CODE:** K00003G **SIZE:** 0

PURCHASE ORDER NUMBER: PO2000863 **CHARGE No.:** 1-001145 **ART No.:** 56-000991

CAPSULE COLOR / CODE: **CAP -** NATURAL 1-0K **/ BODY -** NATURAL 1-0K

PRINT: N/A **TEXT:** N/A **INK COLOR:** N/A

THIS IS TO CERTIFY THAT: The hard capsules of vegetable origin (K-CAPS) manufactured by C.I. FARMACAPSULAS S.A.S. are made from cellulose ethers, which are polymers derived from vegetable sources. Our capsules are certified as Kosher and Halal, and meet all requirements of current European Pharmacopoeia (EP) and United States Pharmacopoeia(USP). Hypromellose used in the manufacturing of capsules meet specifications as described in the current United States Pharmacopoeia. Cellulose ethers are considered as Generally Recognized As Safe(GRAS) by the FDA.

(% Ingredients to % Cellulose)

Cap	%	Body	%

Colorant and ingredients used in capsules are officially approved for use as dye in Foods, Drugs and Cosmetics and/or Drugs and Cosmetics, in the country of destination.
Some changes in color are due to natural colorants or can occur/are within the specification. The above specifications apply to all capsules having the same size and code numbers, unless otherwise stipulated.

Date of Manufacture: 2024-10 Expiration Date: 2029-10

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
PHYSICAL			
Average Capsule Weight	DCC-MI-P003/ USP<2091>	103.00-115.00 mg	108.2
Loss on drying	DCC-MA-P027	3.00-8.00 %	4.6
Disintegration	DCC-MA-P063/ USP<701>	N.M.T. 15 min	PASSES
Residue on Ignition *	USP	N.M.T. 1.5% Transparent Capsules N.M.T. 6.0% Colored Capsules	PASSES
Identification of HPMC	DCC-MA-P073 / USP	Meets USP Requirements	PASSES
ANALYTICAL			
Arsenic *	EXTERNAL	N.M.T. 0.8 ppm	PASSES
Chromium *	EXTERNAL	N.M.T. 2 ppm	PASSES
Cadmium *	EXTERNAL	N.M.T. 0.5 ppm	PASSES
Lead *	EXTERNAL	N.M.T. 0.5 ppm	PASSES
Mercury *	EXTERNAL	N.M.T. 0.1 ppm	PASSES
Cobalt *	EXTERNAL	N.M.T. 5.0 ppm	PASSES
Vanadium *	EXTERNAL	N.M.T. 10.0 ppm	PASSES
Nickel *	EXTERNAL	N.M.T. 20.0 ppm	PASSES
Total Aerobic Microbial Count	DCC-MA-P031 / USP <61>	N.M.T. 1000 cfu/g	170
Total Yeasts and Molds Count	DCC-MA-P040 / USP <61>	N.M.T. 100 cfu/g	<10
Total Coliforms	DCC-MA-P036 / USP <62>	Absence / 1 g	Absence
Salmonella	DCC-MA-P039 / USP <62>	Absence / 10 g	Absence
Escherichia Coli	DCC-MA-P036 / USP <62>	Absence / 1g	Absence
Staphylococcus aureus*	DCC-MA-P037 / USP <62>	Absence / 1g	Absence
Pseudomonas aeruginosa*	DCC-MA-P033 / USP <62>	Absence / 1g	Absence

*Reduced Frecuency Testing Storage Conditions: Temperature: 15°C - 30°C / Relative Humidity: 35 % - 70 % RH N.M.T. = No More Than

NOTE: The VISUAL QUALITY is superior to the established figures in the sampling plans of the ANSI/ASQ Z1.4-2013 "Procedure of sampling to inspect for attributes", using simple sampling with level III of General Inspection and Acceptable Level of Quality (AQL) of 0.010 for Critical defects, 0.040 for Major defects and 0.250 for Minor defects. They also fulfill the specifications established in the Technical Information Manual in force.

Approval by: _____
Quality Assurance

Date: 2024/11/08

Code: DCC-032G (Valid since March 15th,2024)
Edition 9

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