	CERTIFICAT DE CONFORMITE	**DATE** 03/06/19 **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	NUVSOL01
Désignation interne	FORMULE SOLEIL
Code client	
Désignation client	FORMULE SOLEIL

Numéro de lot	D16632	Numéro de BL	20585 +20586
Date de fabrication	10/05/2023	DDM	05/2026

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

/

Type de produit	Gélules HPMC	Couleur	Transparente
PV interne gélules	24268	Taille	Taille 0
Lot Fournisseur gélules	1-000304	Dosage	405,12mg

Type de conditionnement	Piluliers	Quantité par colis	18*107 + 10*50
Quantité conditionnée	2560	Cartons incomplets	1*65 + 1*69

Autres (dont fond de bol)	

COMPOSITION PRODUIT

INGREDIENT(S)	DOSAGE	PV interne	N°LOT FOURNISSEUR
Bisglycinate de cuivre 29%	3,45mg	24367	2023011101
ES Bardane	100mg	22565	
Vitamine E Nutrabiol	16,67mg	24112	CON2300117
Lycopène	25mg	24356+22492	3LYDBE2204126+3LYDBE 2111239
Viamine B5 pantothénique	3mg	23849	22060092/A
bétacarotène	12mg	22490	3NBDBE2111240
Luteine	25mg	24354	3LUDBE2204129
Amidon de riz	220mg	24265	221007

11/05/23
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

CERTIFICATE OF ANALYSIS

Product and Batch Informations			
COPPER BISGLYCINATE Ref : BISGLCUI001 DT V01- 03/07/2020			
Batch	2023011101	**Origin (natural/synthetic)**	Synthetic
N° CAS	13479-54-4	**Country of origin**	Asia
MF date	11/01/2023	**Expiration date**	10/01/2025

ANALYSIS ITEM	SPECIFICATION	RESULT	TEST METHOD
Active Ingredients/Substance to control			
Assay	NLT 28% Copper	28,40%	In-House
Physical/Chemical Control			
Appearance	Blue Crystalline powder	Complies	Organoleptic
Loss on drying	NMT 8%	1,60%	5g/105°C/2Hrs
pH	7,0-9,0	8,3	In-House
Particle size	Through 100 mesh	Complies	Mesh screen
Contaminant Control*			
Lead (Pb)	NMT 3ppm	Complies	AAS
Arsenic (As)	NMT 1ppm	Complies	AAS
Cadmium(Cd)	NMT 1ppm	Complies	AAS
Mercury (Hg)	NMT 0,1ppm	Complies	AAS
PAHs	NMT 50ppb	Complies	GC
Benzo(a)pyrene	NMT 10ppb	Complies	GC
Microbiological Control			
Total aerobic microbial	NMT 20 000 cfu/g	190cfu/g	USP
Tot. yeast and mould	NMT 200 cfu/g	40cfu/g	USP
Salmonella	Negative/25g	Not detected	USP
E.Coli	Negative/g	Not detected	USP
Staphyloccocus	Negative/g	Not detected	USP
Allegations			
Allergens	Allergen free/specify if any		
GMO	No OGM		
Irradiation	No irradiation		
Packing and Storage			
Packing	Suitable for food industry		
Storage	Store in dry places and keep away from strong direct light and heat.		

**According to a control plan*

NATURAL
12, avenue des carreaux – 49480 – St Sylvain d'Anjou – France
Tel :+33 241 475 225 Fax :+33 241 476 044
Mail : quality@natural-ingredients.fr

23/01/0223
Angebault Mélanie
Quality departement

OMNIPHARM
INGREDIENTS FOR HEALTH
by NUTRAGROUP

Pu22563

Siberian ginseng Roots HA PE Min 0,8% Eleutherosides HPLC

Product Code :	0908207

Certificate of Analysis

Version SDS	Date	Conclusion	Validated by	Sign
003	2022-04-13	**Conform**	C.GRANET Quality assurance	Granet

Manufacturing **			
Botanical Name	*Eleutherococcus senticosus (Max.)*		
Part used	Roots		
Approx. Ratio Plant : Extract	4/1		
Extraction solvent	Ethanol (max. 30%) / Water (70%)		
Additives / Carrier	Maltodextrin (0-5%) (0%)		
Origin	China		
Batch number	O-0908207-220213	Manufacture Date	2022-02
		Best Before Date	2024-02

Properties	Specifications	Results **
Organoleptic		
Appearance	Fine Brownish yellow powder	Brown powder
Odor & taste	Characteristic	Complies
Physical and Chemical **		
Loss on drying	≤ 10%	3,10%
Total ashes	≤ 10%	2,85%
Bulk density	0.4 - 0.6 g/mL	ND
Particle size	≥ 90% pass through #80 mesh	Complies
Assay **		
Eleutherosides (B + E)	≥ 0.8% by HPLC, internal	0,83%
Microbiological * / **		
Total Plate Count	≤ 10 000 cfu/g	Complies
Yeast and Mould	≤ 100 cfu/g	Complies
E.coli	Negative	Absent/g
Salmonella spp	Negative	Absent/25g
Additionnal information	Enterobacteriae	< 100 CFU/g
Contaminants * / **		
Cadmium	≤ 1 ppm	Complies
Lead	≤ 3 ppm	Complies
Mercury	≤ 0.1 ppm	Complies
Arsenic	≤ 1 ppm	Complies
Ethylene oxide	< LMR	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 producer's information*

Remarks :

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

-Since it is an 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.

Abbreviations: ND: not determined / NA: not applicable / HA : Hydroalcoolic / PE: Powder extract / FE : Fluid extract / SE : Soft extract

Z.I. des Fontanettes – 145 rue Philibert Routin – 73000, Chambéry – France
Tel : (33)0426782901 Fax : (33)0426782902 info@omnipharm.fr
SAS au capital de 37 000 euros RCS Chambéry 501 894 422 Code APE 4676 Z TVA N° FR 02 501894422
omnipharm.fr

BTSA NUTRABIOL®

T 30 PVM

Pc 2402

Batch Number / Lote Número: CON2300117

CERTIFICATE OF ANALYSIS

COMPOSITION / COMPOSICIÓN

	SPECIFICATIONS / ESPECIFICACIONES	RESULTS / RESULTADOS
TOCOPHEROL-RICH EXTRACT / EXTRACTO RICO EN TOCOFEROLES (E 306)	Min. 30.0%	**31.7%**
α- tocopherol / α- tocoferol	Min. 5.0%	10.7%
β+γ- tocopherol / β+γ - tocoferol	Min. 55.0%	63.6%
δ- tocopherol / δ- tocoferol	Min. 18.0%	25.7%
SOYBEAN OIL / ACEITE DE SOJA		**2.3%**
MALTODEXTRINA / MALTODEXTRINE		**66.0%**

ANALYSIS / ANÁLISIS

TEST / ANÁLISIS	SPECIFICATIONS / ESPECIFICACIONES	RESULTS / RESULTADOS
Appearance / Apariencia	In accordance with PDS / Acorde a la PDS	Conforms / Conforme
Heavy Metals / Metales Pesados:	≤ 10 ppm	Conforms / Conforme
*Lead (pb) / Plomo (Pb)	≤ 3 ppm	Conforms / Conforme
*Arsenic (As) / Arsénico (As)	≤ 2 ppm	Conforms / Conforme
*Cadmium (Cd) / Cadmio (Cd)	≤ 1 ppm	Conforms / Conforme
*Mercury (Hg) / Mercurio (Hg)	≤ 0.1 ppm	Conforms / Conforme
Microbiological Specifications / Especificaciones Microbiológicas:		
*Total plate count / Recuento total en placa	≤ 1000 cfu/g	Conforms / Conforme
*Yeasts and molds / Levaduras y mohos	≤ 25 cfu/g	Conforms / Conforme
*E. coli	No detected in 25g / No detectado en 25g	Conforms / Conforme
*Salmonella spp.	No detected in 25g / No detectado en 25g	Conforms / Conforme
Sum of 4 PAH's: benzo[a]pyrene, benzo[a]anthracene, benzo[b]fluoranthene & chrysene / Suma de 4 HAP's: benzo[a]pireno, benzo[a]antraceno, benzo[b]fluoranteno & criseno	≤ 10 ppb	Conforms / Conforme
Benzo[a]pyrene / Benzo[a]pireno	≤ 2 ppb	Conforms / Conforme
***Pesticides / Pesticidas**	In accordance with current legislation / Acorde a la legislación actual	Conforms / Conforme

* Analysed on random audit sample basis
* Datos correspondientes a los resultados obtenidos en Análisis de lotes seleccionados de forma aleatoria

EXPIRATION DATE / CONSUMO PREFERENTE

Best Before Date / Consumo Preferente 24/08/2024
Production Date / Fecha de Fabricación 24/02/2023

Madrid, 27 February 2023

Order Number / Nº Pedido: BDC220223BTSA
Client / Cliente: PHYTOCOSMA

PV24356.

Lycored

Manufacturing site:
Lycored
P.O.B 320
Beer Sheva 8410202, Israel
Tel: +972 732327300
www.lycored.com

CERTIFICATE OF ANALYSIS

Product Name: LycoBeads 20% VBAF

Description: Microencapsulated tablet grade free flowing powder of natural Lycopene

Lot No.: 3LYDBE2204126

Catalog No.: 400775, 400776, 400777

Date of Issue: 01 May 2022

Certificate No.: Q-15267

Analysis No.: Lycored QC L22-1830/2022

Manufacture Date: 18 April 2022

Expiration Date: 18 April 2025

Test Items	Method	Specification	Results
Appearance	Visual	Dark red free flowing beadlets	Dark red free flowing beadlets
Odor	Olfactory	Characteristic	Characteristic
Identification of Lycopene	HPLC	Corresponds	Corresponds
Natural Lycopene	HPLC	Min 20%	21%
Particle size: 150-425µm	Gravimetry	Min 70%	91%
Loss on drying	Gravimetry	Max 10%	4%
Bulk density: Untapped	Gravimetry	0.55-0.75 g/ml	0.63 g/ml
Tapped	Gravimetry	0.6-0.8 g/ml	0.7 g/ml
Lead	ICP	≤ 1 ppm	≤ 1 ppm *
Arsenic	ICP	≤ 1 ppm	≤ 1 ppm *
Mercury	ICP	≤ 0.1 ppm	≤ 0.1 ppm *
Cadmium	ICP	≤ 1 ppm	≤ 1 ppm *
Total plate count	USP<2021>	Less than 1,000/g	< 10/g
E.Coli	USP<2022>	Negative /10g	Negative /10g
Salmonella	ISO 6579; SI 885/7; FDA BAM Chapter 5	Negative/25g	Negative/25g
Staph. Aureus	USP<2022>	Negative /10g	Negative /10g
Yeasts/Molds	USP<2021>	Less than 100/g	< 10/g

* The tests marked with (*) are performed periodically.

Signature:

Sarit Turgeman
Sarit Turgeman (May 1, 2022 11:34 GMT+3)

QC Laboratory
Lycored

COA: GEN / USA
Version: 10
Date: December 2020

PV22492

Lycored

Manufacturing site:
Lycored
P.O.B 320
Beer Sheva 8410202, Israel
Tel: +972 732327300
www.lycored.com

CERTIFICATE OF ANALYSIS

Product Name: LycoBeads 20% VBAF

Description: Microencapsulated tablet grade free flowing powder of natural Lycopene

Lot No.: 3LYDBE2111239

Catalog No.: 400775, 400776, 400777

Date of Issue: 17 November 2021

Certificate No.: Q-14973-1

Analysis No.: Lycored QC L21-4288/2021

Manufacture Date: 01 November 2021

Expiration Date: 01 November 2024

Test Items	Method	Specification	Results
Appearance	Visual	Dark red free flowing beadlets	Dark red free flowing beadlets
Odor	Olfactory	Characteristic	Characteristic
Identification of Lycopene	HPLC	Corresponds	Corresponds
Natural Lycopene	HPLC	Min 20%	21 %
Particle size: 150-425µm	Gravimetry	Min 70%	85 %
Loss on drying	Gravimetry	Max 10%	5 %
Bulk density: Untapped	Gravimetry	0.55-0.75 g/ml	0.60 g/ml
Tapped	Gravimetry	0.6-0.8 g/ml	0.7 g/ml
Lead	ICP	≤ 1 ppm	< 1 ppm
Arsenic	ICP	≤ 1 ppm	< 1 ppm
Mercury	ICP	≤ 0.1 ppm	< 0.1 ppm
Cadmium	ICP	≤ 1 ppm	< 1 ppm
Total plate count	USP<2021>	Less than 1,000/g	25/g
E.Coli	USP<2022>	Negative /10g	Negative /10g
Salmonella	ISO 6579; SI 885/7; FDA BAM Chapter 5	Negative/25g	Negative/25g
Staph. Aureus	USP<2022>	Negative /10g	Negative /10g
Yeasts/Molds	USP<2021>	Less than 100/g	<10/g

* The tests marked with (*) are performed periodically.

Signature:

Sarit Turgeman
Sarit Turgeman (Nov 17, 2021 09:19 GMT+2)

QC Laboratory
Lycored

COA: GEN / USA
Version: 10
Date: December 2020

CERTIFICAT D'ANALYSE

Désignation : **CALCIUM PANTOTHENATE VIT B5 1 K**
Code article : **1130117** **Lot :** **22060092/A**
Date libération : 23/11/2022 **Péremption :** **04/2025**

Désignation : CALCIUM PANTOTHENATE PH VK
Code article : 5995414 **Lot :** 22060092
Numéro d'analyse : 218723 Date fabrication : 04/2022
Monographie COOPER : 219 Réf. monographie : PE10.4(0470)CPF

Fabricant : DSM NUTRITIONAL PRODUCTS - UK Lot fabricant : TL02204655

TESTS	NORMES D'ACCEPTATION	RESULTATS
CARACTERES		
CARACTERES	POUDRE BLANCHE OU SENSIBLEMENT BLANCHE	POUDRE BLANCHE
SOLUBILITE		
SOLUBILITE DANS L'EAU	FACILEMENT SOLUBLE	CONFORME
SOLUBILITE DANS L'ETHANOL A 96P 100 V/V	PEU SOLUBLE	CONFORME
IDENTIFICATION		
IDENTIFICATION PAR CONTENANT	CONFORME	CONFORME
POUVOIR ROTATOIRE SPECIFIQUE	CONFORME	CONFORME
SPECTRE D'ABSORPTION DANS L'INFRA ROUGE	CONFORME	CONFORME
CALCIUM	POSITIVE	POSITIVE
ESSAI		
ASPECT DE LA SOLUTION	LIMPIDE ET INCOLORE	CONFORME
PH	6,8 - 8,0	7,3
POUVOIR ROTATOIRE SPECIFIQUESUR PRODUIT SEC	+25,5° A +27,5°	+26,6°
IMP.A ET AUTRES IMPURETES AGROUP. ACIDE AMINOCARBOXYLIQUE	MAXIMUM 0,50 p.100	0,10 p.100
CHLORURES	MAXIMUM 200 PPM	CONFORME
PERTE A LA DESSICCATION	MAXIMUM 3,0 p.100	2,2 p.100
IMPURETE B	MAXIMUM 0,8 p.100	0,6 p.100
IMPURETE C	MAXIMUM 0,3 p.100	0,1 p.100
IMPURETE E	MAXIMUM 0,25 p.100	0,10 p.100
IMPURETE H	MAXIMUM 0,15 p.100	0,10 p.100
IMPURETE NON SPECIFIEE LA PLUSIMPORTANTE	MAXIMUM 0,10 p.100	0,00 p.100
SOMME DES IMPURETES	MAXIMUM 1,2 p.100	0,9 p.100
DICHLOROMETHANE	MAXIMUM 600 PPM	0 PPM (NON DETECTE)
DOSAGE		
TITRE EN PANTOTHENATE DE CALCIUM SUR PRODUIT SEC	98,0 - 101,0 p.100	99,6 p.100

CERTIFICAT D'ANALYSE

Désignation :	**CALCIUM PANTOTHENATE VIT B5 1 K**		
Code article :	**1130117**	**Lot :**	**22060092/A**
Date libération :	23/11/2022	**Péremption :**	**04/2025**

Désignation :	CALCIUM PANTOTHENATE PH VK				
Code article :	5995414	**Lot :**	22060092		
Numéro d'analyse :	218723			Date fabrication :	04/2022
Monographie COOPER :	219	Réf. monographie :	PE10.4(0470)CPF		
Fabricant :	DSM NUTRITIONAL PRODUCTS - UK			Lot fabricant :	TL02204655

TESTS	NORMES D'ACCEPTATION	RESULTATS

Observation :

DECISION : PRODUIT ACCEPTE
CE CERTIFICAT N'EST PAS SIGNE CAR IL EST EMIS INFORMATIQUEMENT.
THIS CERTIFICATE HAS BEEN PRODUCED ELECTRONICALLY AND BEARS NO SIGNATURE.

Le Responsable Assurance Qualité

PU22490

Lycored

Manufacturing site:
Lycored
P.O.B 320
Beer Sheva 8410202, Israel
Tel: +972 732327300
www.lycored.com

CERTIFICATE OF ANALYSIS

Product Name: Lyc-O-Beta 20% VBAF

Description: Microencapsulated tablet grade of natural β-Carotene

Lot No.: 3NBDBE2111240

Catalog No.: 40160, 40161, 40163

Date of Issue: 06 December 2021

Certificate No.: Q-15004

Analysis No.: Lycored QC L21-4450/2021

Manufacture Date: 07 November 2021

Expiration Date: 07 November 2024

Test Items		Method	Specification	Results
Appearance		Visual	Dark red free flowing beads	Dark red free flowing beadlets
Odor		Olfactory	Characteristic	Characteristic
Identification of β-Carotene		Spectrophotometry	Corresponds	Corresponds
β-Carotene		Spectrophotometry	Min 20%	21 %
Particle size: 150-425µm		Gravimetry	Min 70%	87 %
Loss on drying		Gravimetry	Max 10%	5 %
Bulk density:	Untapped	Gravimetry	0.55-0.75 g/ml	0.66 g/ml
	Tapped	Gravimetry	0.6-0.8 g/ml	0.7 g/ml
Lead		ICP	≤ 1 ppm	< 1 ppm
Arsenic		ICP	≤ 1 ppm	≤ 1 ppm *
Mercury		ICP	≤ 0.1 ppm	≤ 0.1 ppm *
Cadmium		ICP	≤ 1 ppm	≤ 1 ppm *
Total plate count		USP<2021>	Less than 1,000/g	25/g
E.Coli		USP<2022>	Negative /10g	Negative /10g
Salmonella		ISO 6579; SI 885/7; FDA BAM Chapter 5	Negative/25g	Negative/25g
Staph. Aureus		USP<2022>	Negative /10g	Negative /10g
Yeasts/Molds		USP<2021>	Less than 100/g	<10/g

* The tests marked with (*) are performed periodically.

Signature:

Sarit Turgeman
Sarit Turgeman (Dec 6, 2021 16:31 GMT+2)

QC Laboratory
Lycored

COA: GEN / USA
Version: 09
Date: December 2020

PV24354

Lycored

Manufacturing site:
Lycored
P.O.B 320
Beer Sheva 8410202, Israel
Tel: +972 732327300
www.lycored.com

CERTIFICATE OF ANALYSIS

Product Name: Lyc-O-Lutein® 20% VBAF

Description: Microencapsulated tablet grade free flowing powder of natural Lutein

Lot No.: 3LUDBE2204129

Catalog No.: 49310, 49311, 49313

Date of Issue: 09 May 2022

Certificate No.: Q-15270

Analysis No.: Lycored QC L22-1898/2022

Manufacture Date: 25 April 2022

Expiration Date: 25 April 2025

Test Items	Method	Specification	Results
Appearance	Visual	Orange-red free flowing beadlets	Orange-red free flowing beadlets
Odor	Olfactory	Characteristic	Characteristic
Identification of Lutein	HPLC	Corresponds	Corresponds
Free Lutein	HPLC	Min 20.0%	21.2%
Free Zeaxanthin	HPLC	Min 1%	1%
Total carotenoids (as Lutein)	Spectrophotometry	Min 21.0%	23.6%
Particle size: 150-425µm	Gravimetry	Min 70%	86%
Loss on drying	Gravimetry	Max 10%	3%
Bulk density: Untapped	Gravimetry	0.55-0.75 g/ml	0.62 g/ml
Tapped	Gravimetry	0.6-0.8 g/ml	0.7 g/ml
Lead	ICP	≤ 1 ppm	≤ 1 ppm *
Arsenic	ICP	≤ 1 ppm	≤ 1 ppm *
Mercury	ICP	≤ 0.1 ppm	≤ 0.1 ppm *
Cadmium	ICP	≤ 1 ppm	≤ 1 ppm *
Total plate count	USP<2021>	Less than 1,000/g	25/g
E.Coli	USP<2022>	Negative/10g	Negative/10g
Salmonella	ISO 6579; SI 885/7; FDA BAM Chapter 5	Negative/25g	Negative/25g
Staph. Aureus	USP<2022>	Negative/10g	Negative/10g
Yeasts/Molds	USP<2021>	Less than 100/g	< 10/g

* The tests marked with (*) are performed periodically

Signature:

Sarit Turgeman
Sarit Turgeman (May 9, 2022 12:26 GMT+3)

QC Laboratory
Lycored

COA: GEN / USA
Version: 08
Date: December 2020

connecting nutrition and health

Certificate of Analysis

General Information

Product	Remy DR	**Production Date**	05/12/2022	(dd/mm/yyyy)
Batch	2220284550	**Best before**	04/12/2026	(dd/mm/yyyy)
Issued by	Quality Control Management	**Date CoA Issued**	15/12/2022	(dd/mm/yyyy)

Results of analyses

Parameter	Result	Unit	Method [1]	LSL	USL
Physical and Chemical Parameters					
Moisture	12	g/100g	ISO 712		≤ 14
Protein content (N*6,25) on DM	0,5	g/100g d.m.	ISO 1871 [1]		≤ 1,0
Ash content on DM	0,3	g/100g d.m.	ISO 3593		≤ 0,5
pH (10 g to 100 ml)	6,6	-	Potentiometric	≥ 5,5	≤ 7,5
Rheological Parameters					
End viscosity, pH as is, 6%	612	BU	Brabender	≥ 450	
Microbiological Parameters					
Total mesophilic bacteria (aerobic)	40	cfu/g	ISO 4833		≤ 10.000
Yeasts and Moulds	40	cfu/g	ISO 21527		≤ 500
Enterobacteriaceae	<5	cfu/g	ISO 21528		≤ 10

[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

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

FORM Beneo-Remy QC lot Coa V:02

LIMS: 65.761

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.: K2208002119 **PRODUCT CODE:** K00003 **SIZE:** 0
PURCHASE ORDER NUMBER: PO2000207 **CHARGE No.:** 1-000304 **ART No.:** 56-000107
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: 2022-09 Expiration Date: 2027-09

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
PHYSICAL			
Average Capsule Weight	DCC-MI-P003/ USP<2091>	103.00-115.00 mg	107.1
Loss on drying	DCC-MA-P027	4.00-8.00 %	4.4
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	9
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.

Quality Assurance

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