	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	D17348	Numéro de BL	21242+21255+21433
Date de fabrication	03/05/2024	DDM	05/2027

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	25522	Taille	Taille 0
Lot Fournisseur gélules	1-000776	Dosage	405,12mg

Type de conditionnement	Piluliers	Quantité par colis	47*50
Quantité conditionnée	1913+496	Cartons incomplets	1*46+1*13

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	NB211210
Vitamine E Nutrabiol	16,67mg	24629+25237	CON2300355 + CON2400020
Lycopène	25mg	24356	3LYDBE2204126
Viamine B5 pantothénique	3mg	25024	23020165/A
bétacarotène	12mg	22490+24355	3NDBE2111240+3NBDE2210304-1
Luteine	25mg	22489	3LUDBE2203047
Amidon de riz	220mg	25343	2320341590

22/10/24
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

Pu 22489

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	**Date of Issue:**	20 March 2022
Description:	Microencapsulated tablet grade free flowing powder of natural Lutein	**Certificate No.:**	Q-15147-3
		Analysis No.:	Lycored QC L22-1187/2022
Lot No.:	3LUDBE2203047	**Manufacture Date:**	06 March 2022
Catalog No.:	49310, 49311, 49313	**Expiration Date:**	06 March 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%	21.3 %
Free Zeaxanthin	HPLC	Min 1%	1 %
Total carotenoids (as Lutein)	Spectrophotometry	Min 21.0%	24.0 %
Particle size: 150-425µm	Gravimetry	Min 70%	81 %
Loss on drying	Gravimetry	Max 10%	6 %
Bulk density: Untapped	Gravimetry	0.55-0.75 g/ml	0.64 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 (Mar 20, 2022 12:11 GMT+2)

QC Laboratory
Lycored

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

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

ANALYSIS CERTIFICATE

N° 20220094

Date : 28/01/2022

Product name : EXS0129IND - BURDOCK Root aqueous dry extract
Latin name : Arctium lappa L.
Lot : N20159Q0105

ANALYSIS	Specifications	Results
QUALITY DATA		
Characters (Visual inspection)	Brownish, fine powder	Conform
Identification (TLC) (Done on the extract or on the half-processed product or on the drug)	Positive	Conform
Loss on drying (3hours - 105°C)	<= 5%	3.7%
Heavy metals (Atomic absorption)	=< 10ppm (Pb<3ppm; Cd<1ppm; Hg<0.1ppm)	Conform
Microbiology data - according to Eur.Ph. current ed.		
Total plate count	=< 5*10000 cfu/g	Conform
Yeast and Mold	=< 5*100 cfu/g	Conform
Enterobacteriacea	=< 100cfu/g	Conform
E. coli	Absence/g	Conform
Salmonella	Absence/25g	Conform

OBSERVATION
Best Before : January 2025

Estelle DESSAUX, Quality Department
This analysis certificate is a computing copy and is valid without signature.

Pharmanager Ingredients, SAS au capital de 41 000 euros
RCS ANGERS : 477 627 970 00056 - Code NACE: 4619 B - TVA: FR19477627970
Siège social: 24, rue Max Richard - 49100 ANGERS
tél: +33 (0)2 41 20 19 86 - fax: +33 (0)2 41 81 05 91

PU24355

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.: 3NBDBE2210304-1

Catalog No.: 40160, 40161, 40163

Date of Issue: 12 January 2023

Certificate No.: Q-15555-1

Analysis No.: Lycored QC L22-4719; L22-3995/2022

Manufacture Date: 23 October 2022

Expiration Date: 23 October 2025

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%	84%
Loss on drying	Gravimetry	Max 10%	5%
Bulk density: Untapped	Gravimetry	0.55-0.75 g/ml	0.58 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	375/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: Natali Shukrun
Natali Shukrun (Jan 12, 2023 12:30 GMT+2)

QC Laboratory
Lycored

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

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

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

NUTRABIOL®

T 30 PVM

Batch Number / Lote Número: CON2300355

CERTIFICATE OF ANALYSIS

COMPOSITION / COMPOSICIÓN

	SPECIFICATIONS / ESPECIFICACIONES	RESULTS / RESULTADOS
TOCOPHEROL-RICH EXTRACT / EXTRACTO RICO EN TOCOFEROLES (E 306)	Min. 30.0%	**31.8%**
α- tocopherol / α- tocoferol	Min. 5.0%	11.3%
β+γ- tocopherol / β+γ - tocoferol	Min. 55.0%	64.0%
δ- tocopherol / δ- tocoferol	Min. 18.0%	24.7%
SOYBEAN OIL / ACEITE DE SOJA		**2.2%**
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 26/12/2024
Production Date / Fecha de Fabricación 26/06/2023

Madrid, 26 June 2023

Order Number / Nº Pedido: BDC200623BTSA
Client / Cliente: PHYTOCOSMA

CERTIFICAT D'ANALYSE

Désignation : **CALCIUM PANTOTHENATE VIT B5 1 K**
Code article : **1130117** **Lot :** **23020165/A**
Date libération : 30/05/2023 **Péremption :** **12/2025**

Désignation : CALCIUM PANTOTHENATE PH VK
Code article : 5995414 **Lot :** 23020165
Numéro d'analyse : 223594 Date fabrication : 12/2022
Monographie COOPER : 219 Réf. monographie : PE10.4(0470)CPF

Fabricant : DSM NUTRITIONAL PRODUCTS - UK Lot fabricant : TL02212788

TESTS	NORMES D'ACCEPTATION	RESULTATS
CARACTERES		
CARACTERES	POUDRE BLANCHE OU SENSIBLEMENT BLANCHE	SENSIBLEMENT 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	7,5
POUVOIR ROTATOIRE SPECIFIQUESUR PRODUIT SEC	+25,5° A +27,5°	+26,4°
IMP.A ET AUTRES IMPURETES AGROUP. ACIDE AMINOCARBOXYLIQUE	MAXIMUM 0,50 p.100	0,09 p.100
CHLORURES	MAXIMUM 200 PPM	CONFORME
PERTE A LA DESSICCATION	MAXIMUM 3,0 p.100	2,4 p.100
IMPURETE B	MAXIMUM 0,8 p.100	0,7 p.100
IMPURETE C	MAXIMUM 0,3 p.100	0,1 p.100
IMPURETE E	MAXIMUM 0,25 p.100	0,09 p.100
IMPURETE H	MAXIMUM 0,15 p.100	0,07 p.100
IMPURETE NON SPECIFIEE LA PLUSIMPORTANTE	MAXIMUM 0,10 p.100	0,00 p.100
SOMME DES IMPURETES	MAXIMUM 1,2 p.100	1,0 p.100
DICHLOROMETHANE	MAXIMUM 600 PPM	CONFORME (NON DETECTE)
DOSAGE		
TITRE EN PANTOTHENATE DE CALCIUM SUR PRODUIT SEC	98,0 - 101,0 p.100	99,5 p.100

CERTIFICAT D'ANALYSE

Désignation :	**CALCIUM PANTOTHENATE VIT B5 1 K**		
Code article :	**1130117**	**Lot :**	**23020165/A**
Date libération :	30/05/2023	**Péremption :**	**12/2025**

Désignation :	CALCIUM PANTOTHENATE PH VK				
Code article :	5995414	**Lot :**	23020165		
Numéro d'analyse :	223594			Date fabrication :	12/2022
Monographie COOPER :	219	Réf. monographie :	PE10.4(0470)CPF		
Fabricant :	DSM NUTRITIONAL PRODUCTS - UK			Lot fabricant :	TL02212788

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

NUTRABIOL®

T 30 PVM

Batch Number / Lote Número: CON2400020

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%	13.0%
β+γ- tocopherol / β+γ - tocoferol	Min. 55.0%	66.5%
δ- tocopherol / δ- tocoferol	Min. 18.0%	20.5%
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 11/07/2025
Production Date / Fecha de Fabricación 11/01/2024

Madrid, 12 January 2024

Order Number / Nº Pedido: BDC221223BTSA
Client / Cliente: PHYTOCOSMA

connecting nutrition and health

Certificate of Analysis

General Information

Product	Remy O DR6	**Production Date**	06/09/2023	(dd/mm/yyyy)
Batch	2320341590	**Best before**	05/09/2027	(dd/mm/yyyy)
Issued by	Quality Control Management	**Date CoA Issued**	21/02/2024	(dd/mm/yyyy)

Results of analyses

Parameter	Result	Unit	Method [1]	LSL	USL
Physical and Chemical Parameters					
Moisture	8	g/100g	ISO 712		≤ 14
Protein content (N*6,25) on DM	4,7	g/100g d.m.	ISO 1871 [1]		≤ 7,0
Ash content on DM	0,3	g/100g d.m.	ISO 3593		≤ 1,0
Rheological Parameters					
Starting gel point, pH as is, 6%	80	°C	Brabender	≥ 60	
End viscosity, pH as is, 6%	600	BU	Brabender	≥ 500	
Microbiological Parameters					
Salmonella (/375g)	Negative	/375g	ISO 6579		Negative
Total mesophilic bacteria (aerobic)	100	cfu/g	ISO 4833		≤ 100.000
Yeasts and Moulds	10	cfu/g			≤ 1.000
Enterobacteriaceae	<10	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: 90.875

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.: K2311001889 **PRODUCT CODE:** K00003G **SIZE:** 0
PURCHASE ORDER NUMBER: PO2000586 **CHARGE No.:** 1-000776 **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: 2023-12 Expiration Date: 2028-12

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
PHYSICAL			
Average Capsule Weight	DCC-MI-P003/ USP<2091>	103.00-115.00 mg	106.3
Loss on drying	DCC-MA-P027	4.00-8.00 %	4.7
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

Date: 2023/12/26

Code: DCC-032G (Valid since November 1st,2021)
Edition 7

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