	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	NUVHAY02
Désignation interne	ACIDE HYALURONIQUE
Code client	3 770025 711324
Désignation client	ACIDE HYALURONIQUE + Vitamine C

Numéro de lot	D16838	Numéro de BL	20881
Date de fabrication	17/10/2023	DDM	10/2026

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

CONDITIONNEMENT PRODUIT

Type de produit	Gélules HPMC	Couleur	Transparente
PV interne gélules	24632	Taille	Taille 1
Lot Fournisseur gélules	1-000429	Dosage	230mg

Type de conditionnement	Piluliers	Quantité par colis	72*50
Quantité conditionnée	3645	Cartons incomplets	1*45

Autres (dont fond de bol)	

COMPOSITION PRODUIT

INGREDIENT(S)	DOSAGE	PV interne	N°LOT FOURNISSEUR
Acide Hyaluronique – Exception HYAL	100mg	24785	23L077/S
Vitamine C L-acide ascorbique	50mg	24695	HPB2202089
Amidon de riz	80mg	24518	2320302850

24/10/23
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

ExceptionHYAL® Star

Batch n.	23L077/S
Production date	JULY 2023
Period of best use	JULY 2026

Parameter	Unit	Requirement	Method	Result
PHYSICAL-CHEMICAL				
Appearance	-	Powder	IO 07-06A	Powder
Colour	-	White	IO 07-06A	White
Odour	-	Characteristic	IO 07-06A	Characteristic
pH (0,1% solution)	-	6,0 – 8,0	IO 07-06B	6,0
Transparency (0,1% solution,550 nm)	%	≥99	Ph.Eur. 2.2.25	Complies
Loss on drying (105°C)	%	≤10	IO 07-06K	5
Ashes	%	≤15	Ph.Eur. 2.4.16	Complies
Bulk density	g/cm3	0,3 -0,5	Ph.Eur. 2.9.34	0,4
Glucuronic acid assay	%	≥46	S.H. Ph.Eur.Monograph	95
Sodium Hyaluronate assay	%	≥95	S.H. Ph.Eur.Monograph	46
Lead (Pb)	ppm	≤3	IO 07-06AG	Complies
Cadmium (Cd)	ppm	≤1	IO 07-06AG	Complies
Mercury (Hg)	ppm	≤0,1	IO 07-06AG	Complies
Water activity	-	≤0,5	IO 07-06AL	0,1
MICROBIOLOGICAL				

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CERTIFICATE OF ANALYSIS

ExceptionHYAL® Star

Total bacterial count	CFU/g	≤100*	Ph.Eur. 2.6.12/USP (current edition)	<100
Yeasts & Moulds	CFU/g	≤100*	Ph.Eur. 2.6.12/USP (current edition)	<100
Enterobacteriaceae	CFU/g	≤100	UNI ISO 21528-2	<100
Escherichia coli	g	Absence	Ph.Eur. 2.6.13/USP (current edition)	Absence
Staphylococcus aureus	g	Absence	Ph.Eur. 2.6.13/USP (current edition)	Absence
Salmonella	10g	Absence	Ph.Eur. 2.6.13/USP (current edition)	Absence

* 2x (as per Ph.Eur.5.1.4)

Date: 11th September 2023

Roelmi HPC Technical Department

VC Ascorbic Acid 100 mesh 95%

Coversheet for Certificate of Analysis

Productcode : **5015842**
Lot No. : **HPB2202089**
Analysis No. : **75752335**

CfC Number : **04917410**
Articlecode : 5015842368
Sales Name : VC Ascorbic Acid 100 mesh 95%,25KG BAL
Manufacturing Date : 11-FEB-2022
Best Use Before Date : 10-FEB-2025
Delivery Note No. **8322177950**
Destination : Germany
Customer Ref. No : P22-20045/002
Customer Article No:
Customer Name: MDC GmbH
Zum Reiherhorst
Stelle
Article desc. CoA
Comment

DSM Nutritional Products Ltd
Technical Department
CH-4002 Basel, Switzerland

Date of issue: 19-Aug-2022

VC Ascorbic Acid 100 mesh 95%,25KG BAL

CERTIFICATE OF ANALYSIS

Productcode	:	**5015842368**	**Batch Size**	:	**3,000KG**
Lot No.	:	**HPB2202089**	**Manufacturing Date**	:	**11.2.2022**
Analysis No.	:	**75752335**	**Best use before**	:	**10.2.2025**
Report Date	:	**21.2.2022**			

Test	Result	Limits/Specification	Dimension/Units
***Appearance**	Correspond	White or almost white, crystal or crystalline powder	
Solubility	Correspond	Freely soluble in water, slightly soluble in ethanol, insoluble in ether or chloroform	
Identification A	Positive	Positive	
Identification B	Correspond	IR	
***Melting Point**	191	190 - 192	^{o}C
***Specific Optical Rotation**	20.9	20.5 - 21.5	°
***Clarity and Color of Solution**	Correspond	Clear, not more intensely than BY7	
***pH(2%, W/V)**	2.6	2.4 - 2.8	
***pH(5%, W/V)**	2.4	2.2 - 2.5	
Loss on Drying	< 0.1	<= 0.1	%
Residue on Ignition	< 0.1	<= 0.1	%
Arsenic(as As)	< 1.0	<= 1.0	ppm
Heavy Metals (as Pb)	Correspond	<=0.0003%	
Lead	< 1.0	<= 1.0	ppm
Mercury	< 0.5	<= 0.5	ppm
Iron	< 2	<= 2	ppm
Copper	< 3	<= 3	ppm
Oxalic Acid	Correspond	<=0.2%	
Residual Solvents(as methanol)	< 250	<= 250	ppm
***Assay**	99.9	99.0 - 100.5	%
Total Plate Counts	< 1000	<= 1000	CFU/g
Yeasts & Moulds	< 100	<= 100	CFU/g
Escherichia.Coli	Correspond	Absence in 1g	
Salmonella	Correspond	Absence in 25g	
Staphylococcus Aureus	Correspond	Absence in 25g	
Impurity C	< 0.15	<= 0.15	%
Impurity D	< 0.15	<= 0.15	%
Unspecified limpurities	< 0.10	<= 0.10	%
Total Impurities other than C & D	< 0.2	<= 0.2	%
***Particle Size(through us 100mesh)**	96	>= 95	%
Cadmium	< 0.5	<= 0.5	ppm

Conclusion: The product with this batch number meets all requirements when tested according to the monograph of USP/FCC/BP/EP/E300 in current version.
Test items marked with * are based on routine batch analysis. Others are tested at regular intervals.
This is an electronic COA. The data from batch analysis are in accord with the actual test data, which are true, correct and

VC Ascorbic Acid 100 mesh 95%,25KG BAL

CERTIFICATE OF ANALYSIS

Productcode	:	**5015842368**	**Batch Size**	:	**3,000KG**
Lot No.	:	**HPB2202089**	**Manufacturing Date**	:	**11.2.2022**
Analysis No.	:	**75752335**	**Best use before**	:	**10.2.2025**
Report Date	:	**21.2.2022**			

controlled. The data from periodic analysis are controlled at regular intervals as part of our assurance program.

QC Manager

Nie Xiaoming (Daniel Nie)

Quality Manager

Ge Liang

connecting nutrition and health

Certificate of Analysis

General Information

Product	Remy O DR6	**Production Date**	12/02/2023	(dd/mm/yyyy)
Batch	2320302850	**Best before**	11/02/2027	(dd/mm/yyyy)
Issued by	Quality Control Management	**Date CoA Issued**	08/03/2023	(dd/mm/yyyy)

Results of analyses

Parameter	Result	Unit	Method [1]	LSL	USL
Physical and Chemical Parameters					
Moisture	7	g/100g	ISO 712		≤ 14
Protein content (N*6,25) on DM	3,6	g/100g d.m.	ISO 1871 [1]		≤ 6,0
Ash content on DM	0,2	g/100g d.m.	ISO 3593		≤ 1,0
Rheological Parameters					
Starting gel point, pH as is, 6%	83	°C	Brabender	≥ 60	
End viscosity, pH as is, 6%	584	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 , Certified Organic NOP by bio.inspecta AG

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

FORM Beneo-Remy QC lot Coa V:02

LIMS: 71.512

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.: K2209001976 **PRODUCT CODE:** K00016 **SIZE:** 1

PURCHASE ORDER NUMBER: PO2000257 **CHARGE No.:** 1-000429 **ART No.:** 56-000108

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: 2022-10 Expiration Date: 2027-10

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
PHYSICAL			
Average Capsule Weight	DCC-MI-P003/ USP<2091>	75.00-85.00 mg	78.1
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	30
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: 2022/11/01

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

MANUFACTURER ADDRESS: VIA 40 85-48 BARRANQUILLA - COLOMBIA
TELEPHONE: (57-60-5) 330-4100 FAX: (57-60-5) 330-4105