

	<b>CERTIFICAT DE CONFORMITE</b>	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	NUVART01
Désignation interne	ARTICULATION

Code client	3 770025 711553
Désignation client	FORMULE ARTICULATION

Numéro de lot	D17142	Numéro de BL	21086
---------------	--------	--------------	-------

Date de fabrication	19 au 22/02/2024	DDM	02/2027
---------------------	------------------	-----	---------

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'agriculture 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	25035	Taille	Taille 0
Lot Fournisseur gélules	1-000641	Dosage	522,02mg

Type de conditionnement	Piluliers	Quantité par colis	56*50
Quantité conditionnée	2834	Cartons incomplets	1*34

Autres (dont fond de bol)

--

**COMPOSITION PRODUIT**

INGREDIENT(S)	DOSAGE	PV interne	N°LOT FOURNISSEUR
ES Harpagophytum 39%	68,67mg	25007	LOT00003067
ES Curcuma 95%	50mg	24984+25008	LOT00002553
ES Bambou 75%	83,34mg	25089	LOT00003052
Glucosamine sulfate végétale	166,67mg	24975	K2211048
Phytodroitin	133,34mg	24976	2311009
Amidon de riz	20mg	24992	2320296020

14/02/24

Service qualité

PHYTOSMA 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**

**CA001937**

Page1/2

<b>Product Description</b>	Devil's Claw Roots HA PE 39% Harpagosides UV-VIS
<b>Latin Name</b>	<i>Harpagophytum procumbens</i>
<b>Product Code</b>	1910230
<b>Batch Number</b>	LOT00003067
<b>Production Date</b>	01/08/23
<b>Best Before Date</b>	01/08/26

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
<b>ORIGIN</b>					
ORIGIN	China				
<b>ORGANOLEPTIC</b>					
TEXTURE	Powder			Powder	
COLOR	Yellow brown			Brown	
ODOR	Characteristic			Characteristic	
<b>PHYSICAL AND CHEMICAL***</b>					
IDENTIFICATION	Complies by HPTLC			Complies	
LOSS ON DRYING			10,000	1,820	%
ASH			10,000	0,350	%
BULK DENSITY		0,400	0,600	0,520	G/ML
Pass through# 80 mesh		90,0		100,0	%
<b>ASSAY **/**</b>					
Harpagosides by UV		39,000		41,460	%
<b>MICROBIOLOGICAL**/**</b>					
TOTAL PLATE COUNT			10 000	310	CFU/G
YEAST AND MOULD			100	10	CFU/G
E COLI			0	Absence	CFU/G
SALMONELLA			0	Absence	CFU/G

**Certificate of Analysis**

**CA001937**

Page2/2

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
<b>HEAVY METALS**/**</b>					
CADMIUM			1,000	0,010	PPM
LEAD			3,000	0,110	PPM
MERCURY			0,100	0,010	PPM
ARSENIC			2,000	0,549	PPM
<b>CONTAMINANT**/**</b>					
PESTICIDES	Complies with Reg. 396/2005			ND	

**Signed by:**

GRANET Chloé

**Certification Date :**

23/10/23

*\*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**

**CA001550**

Page2/2

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
TOTAL PLATE COUNT ****			1 000	< 100	CFU/G
YEAST AND MOULD ****			100	< 10	CFU/G
E COLI			10	Absence	CFU/G
STAPHYLOCOCCUS AUREUS			0	Absence	CFU/G
SALMONELLA			0	Absence	CFU/25G
<b>HEAVY METALS **/****</b>					
HEAVY METALS			10,0	0,154	PPM
CADMIUM			1,000	Not detected	PPM
LEAD			3,000	0,093	PPM
MERCURY			0,100	0,063	PPM
ARSENIC			1,000	Not detected	PPM
<b>CONTAMINANT</b>					
ETO			0,10	Not detected	PPM
PESTICIDES	Meets USP <561>			Complies	
RESIDUAL SOLVENTS	Meets USP <467>			Ethyl acetate = 28ppm	

**Signed by:** GRANET Chloé

**Certification Date :** 07/08/23

\*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<sup>e</sup> 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**

**CA001550**

Page1/2

**Product Description** Curcuma rhizome PE 95% Total curcuminoids HPLC  
**Latin Name** *Curcuma longa L*  
**Product Code** 2210190  
**Batch Number** LOT00002553  
**Production Date** 01/07/23  
**Best Before Date** 01/07/28

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
<b>ORIGIN</b>					
ORIGIN	India				
<b>ORGANOLEPTIC</b>					
TEXTURE	Powder			Powder	
COLOR	Yellowish orange			Orange	
ODOR	Characteristic			Characteristic	
<b>PHYSICAL AND CHEMICAL ***</b>					
LOSS ON DRYING			2,000	0,140	%
ASH			1,000	ND	%
BULK DENSITY		0,30	0,60	0,38	G/ML
TAPPED DENSITY		0,50	0,70	0,60	G/ML
MELTING RANGE		179,0	182,0	182,0	°C
Pass through 80 MESH		95,0		98,0	%
<b>ASSAY **/***</b>					
Total curcuminoids		95,00		95,94	%
Bisdemethoxy curcumin		2,00		2,60	%
Demethoxy curcumin		15,00		17,23	%
Curcumin		75,00		80,17	%
<b>MICROBIOLOGICAL **/***</b>					

**Certificate of Analysis**

**CA002137**

Page1/2

<b>Product Description</b>	Tabashir bamboo Exsudate HA PE 75% Silica Gravimetry
<b>Latin Name</b>	<i>Bambusa arundinacea Willd. = Bambusa bambos (L.)</i>
<b>Product Code</b>	1403072
<b>Batch Number</b>	LOT00003052
<b>Production Date</b>	23/09/23
<b>Best Before Date</b>	22/09/25

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
<b>ORIGIN</b>					
ORIGIN	China				
<b>ORGANOLEPTIC</b>					
TEXTURE	Powder			Powder	
COLOR	light pink to purpura - brownish			Light brown pinkish	
ODOR	Characteristic			Characteristic	
<b>PHYSICAL AND CHEMICAL***</b>					
IDENTIFICATION	Positive			Complies	
LOSS ON DRYING			7,000	4,560	%
ASH			5,000	4,120	%
Pass 80 mesh		90,0		Complies	%
<b>ASSAY **/**</b>					
Silica by UV-VIS		75,000		75,120	%
<b>MICROBIOLOGICAL**/**</b>					
TOTAL PLATE COUNT****			10 000	Complies	CFU/G
YEAST AND MOULD****			100	Complies	CFU/G
ENTEROBACTERIAE			100	Complies	CFU/G
E COLI			0	Absence	CFU/G

**Certificate of Analysis**

**CA002137**

Page2/2

Properties	Target Value	Lower Control Limit	Upper Control Limit	Results	Unit Of Measure
SALMONELLA			0	Absence	CFU/25G
<b>HEAVY METALS**/**</b>					
CADMIUM			1,000	Complies	PPM
LEAD			3,000	Complies	PPM
MERCURY			0,100	Complies	PPM
ARSENIC			1,000	Complies	PPM
<b>CONTAMINANT</b>					
ETO (PPM)			0,020	Not detected	PPM

**Signed by:**

GRANET Chloé

**Certification Date :**

28/11/23

*\*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*

*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.*



# Sulfate de glucosamine 2 KCl végétale

## Glucosamine sulphate 2KCl vegetal origin

### Caractéristiques Générales / General Characteristics

Numéro de lot / <i>Batch number</i>	K2211048
Date de production / <i>Production date</i>	24/11/2022
DDM / <i>Shelf life</i>	23/11/2024

### Analyses Physico Chimiques / Physico-chemical Analysis

Critère / <i>Item</i>	Standards / <i>Specifications</i>	Résultats / <i>Test Results</i>
Aspect / <i>Appearance</i>	Poudre cristalline / <i>Crystalline powder</i>	Conform
Couleur / <i>Colour</i>	Blanc à blanc cassé / <i>White to off white</i>	Conform
Granulométrie / <i>Sieve analysis</i>	100 % # 40 mesh	Conform
Essai / <i>Assay</i>	98.0 - 102.0 %	99.25 %
pH	3.0 - 5.0	4.50
Cendres / <i>Ash</i>	27 - 29 %	28.0 %
Densité apparente / <i>Bulk density</i>	> 0.7 g / ml	0.74 g / ml
Densité tassée / <i>Tapped density</i>	> 0.8 g / ml	0.85 g / ml
Rotation spécifique / <i>Specific rotation</i>	+50.0° à + 52.0°	51.2 °
Humidité / <i>Loss on drying</i>	< 0.5 %	0.2 %

### Métaux Lourds / Heavy Metals

Critère / <i>Item</i>	Standards / <i>Specifications</i>	Résultats / <i>Test Results</i>
Plomb / <i>Lead</i>	≤ 3.0 mg/kg	0.037 mg/kg
Arsenic / <i>Arsenic</i>	≤ 1.0 mg/kg	≤ 1.0 mg/kg
Cadmium / <i>Cadmium</i>	≤ 1.0 mg/kg	≤ 0.1 mg/kg
Mercure / <i>Mercury</i>	≤ 0.1 mg/kg	≤ 0.1 mg/kg

**Analyses Microbiologiques / Bacteriological Analysis**

Critère / Item	Standards / Specifications	Résultats / Test Results
Germes totaux / Total plate count	< 1 000 cfu/g	Conform
Levures et moisissures / Yeast & Mold	< 100 cfu/g	Conform
<i>E. coli</i>	Absence / g	Conform
<i>Staphylococcus aureus</i>	Absence / g	Conform
Salmonelles / <i>Salmonella</i>	Absence / 25 g	Conform

**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.*

# Phytodroitin

## Caractéristiques Générales / General Characteristics

Numéro de lot / <i>Batch number</i>	2311009
Date de production / <i>Manufacturing date</i>	12/05/2023
DDM / <i>Shelf life</i>	11/05/2025

## Analyses Physico Chimiques / Physico-chemical Analysis

Critère / <i>Item</i>	Standards / <i>Specifications</i>	Résultats / <i>Test Results</i>
Apparence / <i>Appearance</i>	Poudre brune / <i>Brown powder</i>	Conform
Odeur et goût / <i>Odour and taste</i>	Neutre / <i>Neutral</i>	Conform
Densité apparente / <i>bulk density</i>	0.4 - 0.6 g/ml	Conform
Granulométrie / <i>Particle size</i>	> 95% à travers un tamis 30 mesh	Conform

## Métaux Lourds / Heavy Metals

Critère / <i>Item</i>	Standards / <i>Specifications</i>	Résultats / <i>Test Results</i>
Arsenic / <i>Arsenic</i>	< 3.0 mg/kg	Conform
Cadmium / <i>Cadmium</i>	< 3.0 mg/kg	< 1.0 mg/kg
Plomb / <i>Lead</i>	< 5.0 mg/kg	< 3.0 mg/kg
Mercure / <i>Mercury</i>	< 0.10 mg/kg	Conform

## Analyses Microbiologiques / Bacteriological Analysis

Critère / <i>Item</i>	Standards / <i>Specifications</i>	Résultats / <i>Test Results</i>
Flore totale / <i>Total plate count</i>	< 100 000 cfu/g	< 10 000 cfu/g
Coliformes / <i>Coliforms</i>	< 10 cfu/g	Conform
Anaérobies sulfito-réducteur / <i>ASR</i>	≤ 100 cfu/g	Conform
Staphylocoques coagulase	< 100 cfu/g	Conform
<i>Clostridium perfringens</i>	≤ 1 cfu/g	Conform
Salmonelles / <i>Salmonella</i>	Non détecté /25g	Non détecté /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.*

## Certificate of Analysis

### General Information

<b>Product</b>	Remy O DR6 EU	<b>Production Date</b>	08/01/2023	(dd/mm/yyyy)
<b>Batch</b>	2320296020	<b>Best before</b>	07/01/2027	(dd/mm/yyyy)
<b>Issued by</b>	Quality Control Management	<b>Date CoA Issued</b>	16/01/2023	(dd/mm/yyyy)

### Results of analyses

Parameter	Result	Unit	Method <sup>(1)</sup>	LSL	USL
<b>Physical and Chemical Parameters</b>					
Moisture	9	g/100g	ISO 712	≤	14
Protein content (N*6,25) on DM	3,9	g/100g d.m.	ISO 1871 <sup>(1)</sup>	≤	6,0
Ash content on DM	0,3	g/100g d.m.	ISO 3593	≤	1,0
<b>Rheological Parameters</b>					
Starting gel point, pH as is, 6%	77	°C	Brabender	≥	60
End viscosity, pH as is, 6%	614	BU	Brabender	≥	500
<b>Microbiological Parameters</b>					
Total mesophilic bacteria (aerobic)	500	cfu/g	ISO 4833	≤	100.000
Yeasts and Moulds	<10	cfu/g	ISO 21527	≤	1.000
Enterobacteriaceae	<10	cfu/g	ISO 21528	≤	100
Salmonella (/375g)	Negative	/375g	ISO 6579		Negative

<sup>(1)</sup> 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

## CERTIFICATE OF ANALYSIS EMPTY HARD CAPSULES OF VEGETABLE ORIGIN

<b>CUSTOMER:</b> GOCAPS GMBH			
<b>LOT No.:</b> K2308001750	<b>PRODUCT CODE:</b> K00003	<b>SIZE:</b> 0	
<b>PURCHASE ORDER NUMBER:</b> PO2000476	<b>CHARGE No.:</b> 1-000641	<b>ART No.:</b> 56-000107	
<b>CAPSULE COLOR / CODE:</b> CAP - NATURAL 1-0K / BODY - NATURAL 1-0K			
<b>PRINT:</b> N/A	<b>TEXT:</b> N/A	<b>INK COLOR:</b> 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	%	%
<p><i>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.</i></p> <p><i>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.</i></p>			

Date of Manufacture: 2023-09

Expiration Date: 2028-09

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
<b>PHYSICAL</b>			
Average Capsule Weight	DCC-MI-P003/ USP<2091>	103.00-115.00 mg	107.8
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	PASSES
		N.M.T. 6.0% Colored Capsules	
Identification of HPMC	DCC-MA-P073 / USP	Meets USP Requirements	PASSES
<b>ANALYTICAL</b>			
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	10
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 Frequency 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: 2023/09/26

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

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