

	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	NUVMAG01
Désignation interne	MAGNESIUM BISGLYCINATE

Code client	3 052351 247839
Désignation client	BISGLYCINATE MAGNESIUM

Numéro de lot	D16890	Numéro de BL	20922+20927
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Date de fabrication	07/11/2023	DDM	11/2026
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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
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Le produit contient de(s) Allergène(s)	Non
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Liste des allergène(s) dans le produit

Non applicable

Le produit contient de(s) Additif(s)	Non
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Liste de(s) additif(s) dans le produit

Non applicable

Le produit est BIO	Non
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(*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
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Le produit est sans Gluten	Non
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Conforme Végétarien	Oui	Conforme Végétalien	Oui
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Conforme Halal	Oui	Conforme Casher	Oui
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Certificate of Analysis

CA001798

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Product Description Magnesium Bisglycinate Chelated 20% powder
Product Code 1909161
Batch Number LOT00002901
Production Date 01/07/23
Best Before Date 01/07/25

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			5,000	2,800	%
pH		9,00	11,00	10,10	
SOLUBILITY IN WATER	Pratically insoluble			Complies	
Pass 80 mesh		90,0		Complies	%
ASSAY **/***					
Magnesium		20,000		20,360	%
MICROBIOLOGICAL **/***					
TOTAL PLATE COUNT				Complies	CFU/G
YEAST AND MOULD			100	Complies	CFU/G
STAPHYLOCOCCUS AUREUS			0	Absence	CFU/G
SALMONELLA			0	Absence	CFU/G
HEAVY METALS **/***					
TOTAL HEAVY METALS			10,0	Complies	PPM

CERTIFICATE OF ANALYSIS

Taurine (JP15)

BATCH N°: 2204214
QUANTITY: 1200Kg

MAF.DATE: 19-04-2022
EXP.DATE: 18-04-2025

ITEM	STANDARD	RESULTS
Description	colorless or white crystals, or a white crystalline powder	white crystalline powder
Identification	Positive	Positive
PH	4.1~5.6	4.97
Purity		
Clarity and color of solution	(clear and colorless)	meet the requirement
Chloride	(no more than) 0.011%	<0.005%
Sulfate	(no more than) 0.010%	<0.010%
Ammonium	(no more than) 0.02%	<0.02%
Heavy Metals	(no more than) 10ppm	<5ppm
Arsenic (As)	(less than) 2ppm	<2ppm
Iron	(no more than) 10ppm	<2.5ppm
Related substances	(no more than) 0.2%	<0.2%
Loss on Drying	(no more than) 0.2%	0.09 %
Residue on ignition	(no more than) 0.1%	0.08 %
Total plate count	(no more than) 1000cfu/g	<10cfu/g
Yeast/Mold	(no more than) 100cfu/g	<10cfu/g
E.Coli	Negative	No Found
Assay	99.0%~101.0% when dried, contains not less than 99.0% and not more than 101.0% of C ₂ H ₇ NO ₃ S	99.21 %

Conclusion: Complies with JP15
Analysis date: 20-04-2022

CERTIFICATE OF ANALYSIS


Taurine (JP15)

BATCH N°: 2306534
QUANTITY: 1200Kg

MAF.DATE: 14-06-2023
EXP.DATE: 12-06-2025

ITEM	STANDARD	RESULTS
Description	colorless or white crystals, or a white crystalline powder	white crystalline powder
Identification	Positive	Positive
PH	4.1~5.6	4.93
Purity		
Clarity and color of solution	(clear and colorless)	meet the requirement
Chloride	(no more than) 0.011%	<0.011%
Sulfate	(no more than) 0.010%	<0.010%
Ammonium	(no more than) 0.02%	<0.02%
Heavy Metals	(no more than) 5 ppm	<5 ppm
Lead (Pb)	(Less than) 5 ppm	<5 ppm
Arsenic (As)	(less than) 2 ppm	<2 ppm
Electrical conductivity	(no more than) 150 µs/cm	59.3
Iron	(no more than) 2 ppm	<2 ppm
Related substances	(no more than) 0.2%	<0.2%
Carbonizable substances	(Colorless)	Colorless
Loss on Drying	(no more than) 0.2%	0.06%
Residue on ignition	(no more than) 0.1%	0.08%
Total plate count	(no more than) 1000 cfu/g	<10 cfu/g
Yeast/Mold	(no more than) 100 cfu/g	<10 cfu/g
E.Coli	Negative	No Found
Salmonella	Negative	No Found
Assay	99.0%~101.0% when dried, contains not less than 99.0% and not more than 101.0% of C ₂ H ₇ NO ₃ S	99.28%

Conclusion: Complies with JP15
Analysis date: 15-06-2023

Pyridoxal 5-phosphate (P5P) monohydrate				
Product Code :			2001170	
Certificate of Analysis				
Version SDS	Date	Conclusion	Validated by	Sign
003	2022-11-28	Conform	A.GILLET Quality manager	
Manufacturing**				
Product name	Pyridoxal, 5-(dihydrogen phosphate)			
Molecular Formula	C ₈ H ₁₀ NO ₆ P.H ₂ O			
CAS n°	41468-25-1			
Einecs n°	200-208-3			
Additives / Carrier	None			
Molecular weight	265.15g/mol			
Origin	China			
Batch number	LOT00000073	Manufacture Date	2022-09	
		Best Before Date	2025-08	
Properties	Specifications		Results **	
Organoleptic				
Appearance	White to Pale-Yellow		Complies	
Odor & Taste	Characteristic		Complies	
Physical and Chemical				
Loss on drying	≤ 10%		8,0%	
Particle size	≤ 90% pass trough #30 mesh		100%	
pH	2.6 – 3.0		2,9	
Assay				
Assay (Dry basis)	99.0 % - 101.0 % by HPLC		99,0%	
Pyridoxal Content	Around 63% 'As Is'(1)		62,38%	
	Around 67.6% 'Dry basis'(1)		66,94%	
Pyridoxine	≤ 0.05% by HPLC		Complies	
Microbiological				
Total Plat Count	≤ 1 000 CFU/g		Complies	
Yeast & Moulds	≤ 100 CFU/g		Complies	
E.coli	Absence (10g)		ND	
Salmonella	Absence (25g)		ND	
Contaminants*				
Lead	≤ 3ppm		Complies	
Cadmium	≤ 1ppm		Complies	
Mercury	≤ 0.1ppm		Complies	
Arsenic	≤ 1ppm		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 informations

(1) By calculation

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

Abbreviations: ND: not determined / NA: not applicable

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

CERTIFICATE OF ANALYSIS EMPTY HARD CAPSULES OF VEGETABLE ORIGIN

CUSTOMER: GOCAPS GMBH			
LOT No.: K2305002337	PRODUCT CODE: K00003	SIZE: 0	
PURCHASE ORDER NUMBER: PO2000420	CHARGE No.: 1-000559	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	%
<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: 2023-06

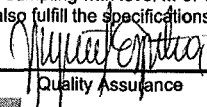
Expiration Date: 2028-06

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
PHYSICAL			
Average Capsule Weight	DCC-MI-P003 / USP <2091>	103.00-115.00 mg	108.6
Loss on drying	DCC-MA-P027	4.00-8.00 %	4.5
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
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	20
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: 2023/07/18



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

CERTIFICATE OF ANALYSIS EMPTY HARD CAPSULES OF VEGETABLE ORIGIN

CUSTOMER: GOCAPS GMBH			
LOT No.:	<u>K2305002342</u>	PRODUCT CODE:	<u>K00003</u> SIZE: <u>0</u>
PURCHASE ORDER NUMBER:	<u>PO2000420</u>	CHARGE No.:	<u>1-000562</u> ART No.: <u>56-000107</u>
CAPSULE COLOR / CODE:	CAP - <u>NATURAL 1-0K</u>		/ BODY - <u>NATURAL 1-0K</u>
PRINT:	<u>N/A</u>	TEXT:	<u>N/A</u> INK COLOR: <u>N/A</u>

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: 2023-06

Expiration Date: 2028-06

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	4.00-8.00 %	4.9
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
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 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: 2023/07/12

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