

	<b>CERTIFICAT DE CONFORMITE</b>	DATE
		03/06/19
		VERSION N°1

POUR LE CLIENT

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   
 Désignation interne

Code client   
 Désignation client

Numéro de lot  Numéro de BL

Date de fabrication  DDM

Conditions de conservation

Le produit contient de(s) Allergène(s)

Liste des allergène(s) dans le produit

Le produit contient de(s) Additif(s)

Liste de(s) additif(s) dans le produit

Le produit est BIO

(\*Produit issu de l'agriculture biologique FR-BIO-01 et process conforme à la fabrication de produits biologiques)

Le produit est sans OGM  Le produit est Ionisé

Le produit est sans Gluten

Conforme Végétarien  Conforme Végétalien

Conforme Halal  Conforme Casher



# CERTIFICATE OF ANALYSIS



Natural

## Product and Batch Informations

### VITAMINE B12 METHYLCOBALAMIN

VITB12002

DT V3 - 08/06/2020

Batch	M220704A	Origin (natural/synthetic)	Synthetic
N° CAS	13422-55-4	Country of manufacturing	Asia - China
MF date	07/07/2022	Expiration date	06/07/2025

ANALYSIS ITEM	SPECIFICATION	RESULT	TEST METHOD
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### Active Ingredients/Substance to control

Assay	98 to 101,0%	98,70%	JP Monograph
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### Physical/Chemical Control

Appearance	Dark red crystals or crystalline powder	Complies	Visual
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Loss on drying	NMT 12%	6,10%	JP <2.01>
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### Contaminant Control\*

Heavy metals	NMT 10ppm	Complies	ICP-MS
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Lead (Pb)	NMT 2ppm	Complies	ICP-MS
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Arsenic (As)	NMT 2ppm	Complies	ICP-MS
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Cadmium(Cd)	NMT 1ppm	Complies	ICP-MS
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Mercury (Hg)	NMT 1ppm	Complies	ICP-MS
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Residual acetone	NMT 0,5%	47 ppm	GC
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Ethylene oxide**	Meets EC 396/2005	Complies	GC-MS-MS
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### Microbiological Control

Total aerobic microbial	NMT 20 000 cfu/g	25 cfu/g	ChP 2020 <1105>
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Tot. yeast and mould	NMT 200 cfu/g	< 10 cfu/g	ChP 2020 <1105>
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### Statements

Allergens	Allergen free
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GMO	No OGM
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Irradiation	No irradiation
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BSE/TSE	BSE/TSE free
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Nanomaterials	Nanomaterials free
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Vegans/ Vegetarians	Suitable for vegans and vegetarians
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### Packing and Storage

Packing	Suitable for food industry
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Storage	Store in dry places and keep away from strong direct light and heat.
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\*According to a control plan

\*\*Sum of ethylene oxide and 2-chloro-ethanol expressed as ethylene oxide

\*\*\*According to meeting on Ethylene oxide on october 2021, applicable limit of ethylene oxide for food supplement, some minerals and additives (except in specific case) is 0.1ppm



NATURAL

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19/12/2022

PICHERIT Jérémy

Quality Department

**Name of product** **INAVEA ORIGINAL**

**Lot number** **220857**

**Date of manufacture** **23/10/22** **Expiry date** **23/10/25**

Place of manufacture NEXIRA - Route de Neufchâtel 76440 SERQUEUX - FRANCE

### CERTIFICATE OF ANALYSIS

Test	Method	Specifications	Result
Description		Yellowish-white to yellow powder	Yellowish-white to yellow powder
Total dietary fibers (on dry weight) (%)	AOAC 985.29	≥ 90%	≥ 90%
pH of 25% solution	Eur.Ph	4.0 to 5.0	4,35
Viscosity of 25% solution (mPa.s)	Brookfield LVF 60 rpm	70 to 130 mPa.s	110
Moisture (5H-105°C) (%)	USP 921 Method III	≤ 10%	7,90
Acid insoluble matters (%)	Eur.Ph	≤ 0.5%	0,04
Total ashes (%)	Eur.Ph	≤ 4.0%	3,25
Acid insoluble ashes (%)	USP 561	≤ 0.5%	≤ 0.5%
Mesh size through 63 µm (%)	Vibro sieving	≤ 15%	≤ 15%
Solubility and reaction*	Eur.Ph	Passes test	Passes test
Glucose and fructose*	Eur.Ph	Passes test	Passes test
Starch, dextrin and agar*	Eur.Ph	Passes test	Passes test
Sterculia gum*	Eur.Ph	Passes test	Passes test
Tragacantha*	Eur.Ph	Passes test	Passes test
Tannins*	Eur.Ph	Passes test	Passes test
Identification*	Eur.Ph	Passes test	Passes test
Lead* (ppm)	ICP-OES/ICP-MS	≤ 0.1 ppm	≤ 0.1 ppm
Arsenic* (ppm)	ICP-OES/ICP-MS	≤ 0.5 ppm	≤ 0.5 ppm
Mercury* (ppm)	SAA	≤ 0.1 ppm	≤ 0.1 ppm
Cadmium* (ppm)	ICP-OES/ICP-MS	≤ 0.1 ppm	≤ 0.1 ppm
Total heavy metal* (ppm)	FCC Method II	≤ 5 ppm	≤ 5 ppm
Total plate count (CFU per g)	ISO 4833-1	≤2000/g	≤2000/g
Yeast and molds (CFU per g)	ISO 6611	≤100/g	≤100/g
E.coli	NF ISO 7251	ABS/5g	ABS/5g
Salmonella	NF EN ISO 6579-1	ABS/25g	ABS/25g

ORGANIC ACACIA GUM USA-NOP CERTIFIED BY ECOCERT SA F32600  
 PRODUIT ISSU DE L'AGRICULTURE BIOLOGIQUE CERTIFIE PAR FR-BIO-01

**\*\*/\*\*/\*\*\*\* periodicity of the analysis as defined on the Technical Data Sheet**

**Comply with the EC regulation, 231/2012**  
**Conform to Eur.Ph, USP/NF, BP**



SERQUEUX, November 4, 2022



The information here above is based on our current knowledge. NEXIRA cannot be hold responsible besides the guarantees written on its supply contracts, based on the fact that it does not control the final use of this product. It is the buyer's responsibility to comply with local texts and laws regulating its activity and the use of this product.

## CERTIFICATE OF ANALYSIS EMPTY HARD CAPSULES OF VEGETABLE ORIGIN

<b>CUSTOMER:</b> GOCAPS GMBH			
<b>LOT No.:</b> K2205001798	<b>PRODUCT CODE:</b> K00016	<b>SIZE:</b> 1	
<b>PURCHASE ORDER NUMBER:</b> 2000036	<b>CHARGE No.:</b> 1-000102	<b>ART No.:</b> 56-000108	
<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: 2022-06

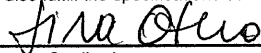
Expiration Date: 2027-06

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
<b>PHYSICAL</b>			
Average Capsule Weight	DCC-MI-P003 / USP <2091>	75.00-85.00 mg	78.8
Loss on drying	DCC-MA-P027	4.00-8.00 %	4.6
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	90
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: 2022/06/29



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

MANUFACTURER ADDRESS: VIA 40 85-48 BARRANQUILLA - COLOMBIA  
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