

	<b>CERTIFICAT DE CONFORMITE</b>	
		<b>VERSION N°1</b>

POUR LE CLIENT

Je soussigné  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	<input type="text" value="NUVVIT06"/>		
Désignation interne	<input type="text" value="VITAMINE B12"/>		
Code client	<input type="text" value="P00098"/>		
Désignation client	<input type="text" value="VITAMINE B12"/>		
Numéro de lot	<input type="text" value=""/>	Numéro de BL	<input type="text" value=""/>
Date de fabrication	<input type="text" value=""/>	DDM	<input type="text" value=""/>

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

### Product Details:

NAME: MECOBALACTIVE  
 BATCH:   
 D.OF ANALYSIS:

CODE:   
 MANUFACTURING DATE:   
 RETESTING DATE:   
 Manufactured by:

### Quality Control Results:

Appearance: Dark red crystals or crystalline powder.  
 Solubility: Sparingly soluble in water, slightly soluble in ethanol (99.5), and practically insoluble in acetonitrile.  
 Identification: A. UV-VIS absorption spectrophotometry in pH 2 buffer. Comparison: mecobalamin reference standard. Both spectra exhibit similar intensities of absorption at the same wavelengths.  
 B. UV-VIS absorption spectrophotometry in pH 7 buffer. Comparison: mecobalamin reference standard. Both spectra exhibit similar intensities of absorption at the same wavelengths.  
 C. According to JP Identification (2), a red to orange-red color is produced, which does not disappear.  
 Observations: The product complies the specification appearing in current JP Monograph.

Component	Specifications	Unit	Results
<b>ASSAY:</b>			
Assay (HPLC, anhydrous basis)	98.0 - 101.0	%	99.6
<b>RELATED SUBSTANCES:</b>			
Any impurity	0.5 max.	%	0.22
Sum of impurities	2.0 max.	%	0.64
<b>IMPURITIES:</b>			
Water (Karl Fischer)	6.0 max.	%	3.4
<b>HEAVY METALS:</b>			
Lead	0.5 max.	ppm	Complies
Cadmium	0.5 max.	ppm	Complies
Mercury	0.1 max.	ppm	Complies
Arsenic	1 max.	ppm	Complies
<b>RESIDUAL SOLVENTS (HS-GC):</b>			
Acetone	2000 max.	ppm	Complies
Methanol	1000 max.	ppm	Complies
Methylethylketone	1000 max.	ppm	Complies
<b>OTHER TESTS:</b>			
Clarity and color of solution	Clear, red color	none	Complies
<b>MICROBIOLOGICAL ANALYSIS:</b>			
Total aerobic microbial count (TAMC)	10 <sup>2</sup> max.	CFU / g	Complies
Total combined yeasts/mould count (TYMC)	10 <sup>2</sup> max.	CFU / g	Complies
Escherichia coli	Absence / g	N/A	Complies
Salmonella	Absence / 10 g	N/A	Complies
Staphylococcus aureus	Absence / g	N/A	Complies
Pseudomonas aeruginosa	Absence / g	N/A	Complies

## Certificate of analysis

### Product Details:

NAME: MECOBALACTIVE 100 G  
BATCH:   
D.OF ANALYSIS:

CODE:   
MANUFACTURING DATE:   
RETESTING DATE:   
Manufactured by:

### Quality Control Results:

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Salmonella	Absence / 10 g	N/A	Complies
Staphylococcus aureus	Absence / g	N/A	Complies
Pseudomonas aeruginosa	Absence / g	N/A	Complies

Name of product

INAVEA ESSENTIAL

Lot number

Date of manufacture

Expiry date

Place of manufacture

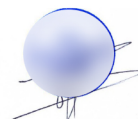
### CERTIFICATE OF ANALYSIS

Test	Method	Specifications	Result
Description		Brown to dark powder	Brown to dark powder
Total dietary fibers (on dry weight) (%)	AOAC 985.29	≥ 90%	≥ 90%
pH of 25% solution	Eur.Ph	4.1 to 4.8	4,40
Color of 25% solution		Brown to black	Brown to black
Viscosity of 25% solution (mPa.s)	Brookfield LVF 60 rpm	60 to 130 mPa.s	75
Moisture (5H-105°C) (%)	USP 921 Method III	≤ 10%	8,40
Acid insoluble matters (%)	Eur.Ph	≤ 0.5%	0,04
Total ashes (%)	Eur.Ph	≤ 4.0%	2,15
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	≤1000/g	≤1000/g
Yeast (CFU per g)	ISO 6611	≤100/g	≤100/g
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



The information here above is based on our current knowledge. [redacted] 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> _____			
<b>LOT No.:</b> _____	<b>PRODUCT CODE:</b> _____	<b>SIZE:</b> _____ 1	
<b>PURCHASE ORDER NUMBER:</b> _____	<b>CHARGE No.:</b> _____	<b>ART No.:</b> _____	
<b>CAPSULE COLOR / CODE:</b> _____		<b>CAP -</b> NATURAL 1-0K / <b>BODY -</b> 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 \_\_\_\_\_ 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. 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: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

CRITERIA	METHOD / REFERENCE	SPECIFICATIONS	RESULTS
<b>PHYSICAL</b>			
Average Capsule Weight	DCC-MI-P003/ USP<2091>	75.00-85.00 mg	77.1
Loss on drying	DCC-MA-P027	3.00-8.00 %	4.2
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-P0317 / USP <61>	N.M.T. 1000 cfu/g	4U
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.

Approval by: \_\_\_\_\_

  
Quality Assurance

Date: \_\_\_\_\_

Code: \_\_\_\_\_

