

| | | |
|---|---------------------------------|-------------|
|  | CERTIFICAT DE CONFORMITE | 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



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 |
|--|---|--|-----------------|
| Active Ingredients/Substance to control | | | |
| Assay | 98 to 101,0% | 98,70% | JP Monograph |
| Physical/Chemical Control | | | |
| Appearance | Dark red crystals or crystalline powder | Complies | Visual |
| Loss on drying | NMT 12% | 6,10% | JP <2.01> |
| Contaminant Control* | | | |
| Heavy metals | NMT 10ppm | Complies | ICP-MS |
| Lead (Pb) | NMT 2ppm | Complies | ICP-MS |
| Arsenic (As) | NMT 2ppm | Complies | ICP-MS |
| Cadmium(Cd) | NMT 1ppm | Complies | ICP-MS |
| Mercury (Hg) | NMT 1ppm | Complies | ICP-MS |
| Residual acetone | NMT 0,5% | 47 ppm | GC |
| Ethylene oxide** | Meets EC 396/2005 | Complies | GC-MS-MS |
| Microbiological Control | | | |
| Total aerobic microbial | NMT 20 000 cfu/g | 25 cfu/g | ChP 2020 <1105> |
| Tot. yeast and mould | NMT 200 cfu/g | < 10 cfu/g | ChP 2020 <1105> |
| Statements | | | |
| Allergens | | Allergen free | |
| GMO | | No OGM | |
| Irradiation | | No irradiation | |
| BSE/TSE | | BSE/TSE free | |
| Nanomaterials | | Nanomaterials free | |
| Vegans/ Vegetarians | | Suitable for vegans and vegetarians | |
| Packing and Storage | | | |
| Packing | | Suitable for food industry | |
| Storage | | Store in dry places and keep away from strong direct light and heat. | |

*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 230525
Date of manufacture 17/07/23 **Expiry date** 17/07/26
 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 | 4,30 |
| Viscosity of 25% solution (mPa.s) | Brookfield LVF 60 rpm | 70 to 130 mPa.s | 90 |
| Moisture (5H-105°C) (%) | USP 921 Method III | ≤ 10% | 7,80 |
| Acid insoluble matters (%) | Eur.Ph | ≤ 0.5% | 0,02 |
| Total ashes (%) | Eur.Ph | ≤ 4.0% | 2,90 |
| 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, July 28, 2023



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.