

Contact Role	
Code établissement	
Référence rapport	Page 1/1
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ACCREDITATION n°
1-7288



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Analysé au laboratoire de Microbiologie

Référence échantillon / Code prélèvement

Program Product AB / Critère TRADP03

DESCRIPTIF ECHANTILLON

Les informations en *italique* sont fournies par le client.

Nature de l'échantillon : FORMULE GLYCÉMIE

Date d'envoi

Identification de lot

Date de réception labo

DLC /DDM

T(°C) de réception 20,6

Liste des mini critères

Date de mise en analyse

Réalisation de prélèvement

Tradp03

PRÉLEVÉ ET ENVOYÉ PAR LE CLIENT

COMPTE RENDU D'ESSAIS

Essais	Résultats	Unités	Valeurs de référence	Sources
<input checked="" type="checkbox"/> Micro-organismes aérobies 30°C NF EN ISO 4833-1 (2013/A1 2022)	21 000	ufc/g	100000	
<input checked="" type="checkbox"/> Entérobactéries présumés 37°C NF V08-054 (2009)	< 1 000	ufc/g	10000	
Recherche d'Escherichia coli à glucuronidase + NF EN ISO 16649-3 (2015)	Non Détecté	/g	Non Détecté	
Recherche Staphylocoques à coagulase positive (Staphylococcus aureus et autres espèces) NF EN ISO 6888-3 (2003)	Non Détecté	/g	Non Détecté	
<input checked="" type="checkbox"/> Recherche de Salmonella spp BRD 07/11-12/05	Non Détecté	/25g	Non Détecté	
<input checked="" type="checkbox"/> Levures / Moisissures 25°C (Faible AW) NF V08-036 (2003)	< 1 000	ufc/g	10000	

Référence : Selon cahier des charges client

CONCLUSION(S) :

Résultat satisfaisant pour l'unité analysée.

Résultats validés
Technicienne d'encadrement

L'accréditation COFRAC section ESSAIS atteste de la compétence du laboratoire pour les seuls essais couverts par l'accréditation et identifiés par les symboles ou .
La conclusion ne tient compte que des recherches effectuées et n'intègre que les résultats pour lesquels une valeur de référence est renseignée (exception faite des valeurs de référence affichée en italique).
Les résultats de ce rapport d'essai ne concernent que l'objet soumis à l'essai.
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Pour déclarer ou non la conformité à la spécification, il n'a pas été tenu compte des incertitudes liées aux résultats.
Les informations fournies par le client peuvent être de nature à affecter la validité des résultats et sont de fait placées sous sa responsabilité.
Le prélèvement a été réalisé sous la responsabilité du client. Les résultats s'appliquent à l'échantillon tel qu'il a été reçu

CERTIFICATE OF ANALYSIS

The capsules are produced under carefully controlled conditions. Controls are performed continuously throughout the process and guarantee that capsules conform to the highest quality standards. The capsules described below conform to the specifications as defined in the current edition of the "Technical Reference File".

PRODUCT DESCRIPTION		Empty Vcaps® Plus Capsules	
Customer:		Lot Number:	
Product Name:		Customer Reference:	
Product Code:		Product Size:	Size 0, Coni-Snap, Standard
Manufacturing Date:			
Expiration Date:			
BODY		CAP	
Code:		Code:	
Name:	NATURAL TR. V900	Name:	NATURAL TR. V900
Print Type:	Non-Print		

Body Composition		Cap Composition	
Hypromellose	qsp 100 %	Hypromellose	qsp 100 %

Due to the nature of raw materials, their sourcing, and technology improvements, the colorant composition data indicated are target values and actual values may vary to insure the consistency of lot color. Capsugel supports the expiry date if precautions for warehousing and transportation are observed (recommended: 15°C - 25°C and 35% - 65% relative humidity).

Ingredient / Reference	E Nr	C.I. Nr	Function	Regulatory References
Hypromellose	E464		Structure	(EU) 231/2012, EP, JP, USP/NF, CHP

ANALYTICAL DATA

Characteristics	Test Method	Units	Specifications	Results
Identification of Hypromellose	TRF 002C		Positive	pass *
Disintegration time	TRF 300A	min/sec	Less than 10 minutes	03:34 *
Average weight	TRF 100A	mg	90 to 102	94.6
Loss on drying	TRF 101A	%	Not more than 9.0%	4.3
Sulphated ash	TRF 200A	%	Less than 6	pass *
Total Aerobic Microbial Count	TRF 500A	cfu / g	Less than 1000	< 20
Escherichia coli	TRF 520A		Absence in 1 gram	pass *
Salmonella	TRF 550A		Absence in 10 gram	pass *
Staphylococcus aureus	TRF 530A		Absence in 1 gram	pass *
Total Yeasts/Moulds Count	TRF 510A	cfu / g	Less than 100	<10 *
Pseudomonas aeruginosa	TRF 540A		Absence in 1 gram	pass *
Customer specific tests				
Solubility and acidity or alkalinity	TRF 103A		Odorless and neutral or slightly acidic	pass *

*** Reduced frequency testing**

Elemental Impurities / Heavy Metals

With reference to ICH Q3D and other applicable standards controlling levels of elemental impurities in drug products and food supplements, empty capsule products are meeting below levels of applicable elements. Monitoring testing is in place under validated methods, as described in the current edition of applicable Technical Reference File. A documented risk assessment based on the ICH Q3D principles is available on

Element	Unit	Acceptance Level
Arsenic	ppm	Not more than 1
Lead	ppm	Not more than 1
Cadmium	ppm	Not more than 0.5
Mercury	ppm	Not more than 0.1
Cobalt	ppm	Not more than 5
Vanadium	ppm	Not more than 10
Nickel	ppm	Not more than 20

CERTIFICATE OF ANALYSIS

Customer Name:

Residual Solvent Statement

In accordance with ICH Q3C residual solvent guideline, Class 3 solvents may be used according to good manufacturing practices such that their cumulative value does not exceed 5000ppm or 0.5%, under option 1 as defined in ICH Q3C, USP<467>, and EP General Text 5.4.

Physical Characteristics

Defect levels are in conformance with the Coni-Snap® specification for Visual attributes, as defined in the table below.

Defect Group	Class I	Class II	Class III
	Visual	Visual	Visual
Sigma Level	4.9	4.7	4.2
PPM	<290	<670	<3600

Appearance - Clean empty capsules, meeting the specified requirements of color and size.

Odor - Free of disagreeable odor.

The reported disintegration time is subjective, and is provided to indicate Pass/Fail status for 10 minutes.

Manufacturing Processes:

No Addition of Preservatives

No Ethylene Oxide Treatment

No Irradiation Treatment

Name of product

INAVEA ESSENTIAL

BA validé par LL

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	80
Moisture (5H-105°C) (%)	USP 921 Method III	≤ 10%	8,00
Acid insoluble matters (%)	Eur.Ph	≤ 0.5%	0,10
Total ashes (%)	Eur.Ph	≤ 4.0%	2,20
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. 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.

Name of product

INAVEA ESSENTIAL

BA validé par LL

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	4,42
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	115
Moisture (5H-105°C) (%)	USP 921 Method III	≤ 10%	7,15
Acid insoluble matters (%)	Eur.Ph	≤ 0.5%	0,05
Total ashes (%)	Eur.Ph	≤ 4.0%	2,30
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)	NF EN 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. 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.

Product code:

CrPIX® - Chromium picolinate powder

BA validé par LL

Product Name: CrPIX® - Chromium picolinate powder		
Synonym: CrPic; Cr(pic)3; chromium tripicolinate; chromium (III) trispicolinate		
CAS number:	EC number:	
Molecular formula: C18H12CrN3O6	Molecular weight: 418.30 g/mol	
Standard: USP	Specification ref.: R0_V0	
Batch Number:	Manufacturing date:	
Expiry Date:	Principle ref.: BPM147	
Analysis	Specification	Result
Appearance	Pink to reddish coloured free flowing fine powder	Conforms
Identification A [IR]	Must comply to the standard	Conforms
Identification B [alkaline H2O2 colour test]	A yellow precipitate develops	Conforms
Solubility	Sparingly soluble in water Slightly soluble in boiling water	Conforms
Assay [Chromium picolinate] [AAS] (on dried basis)	98.0% to 102.0 %	99.32%
Loss on drying	NMT 4.0%	1.90%
Chloride	NMT 0.06%	Conforms
Sulphate	NMT 0.2%	Conforms

Conclusion: This product conforms to the specification and standards mentioned above.

Storage conditions: Store in a cool, dry place away from heat, direct light and moisture.

This is a computer-generated report therefore it is valid without signatures.

The information provided in the document is based on our current knowledge and experience, however, without any obligation and without any assumption of liability on our part. The information may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. You must comply with all the applicable laws, rules and regulations and observe all third-party rights.

CERTIFICATE OF ANALYSIS

DESCRIPTION	
Product Name	Reducose® 5% Mulberry Leaf Extract
Product code	MLE-5
INCI Name	<i>Morus alba</i> (Mulberry) leaf extract
CAS Number	94167-05-2
Description	<i>Morus alba</i> leaf extract (aqueous) standardised to contain 5% m/m 1-deoxynojirimycin (DNJ)
Active Compounds	Iminosugars represented by 1-deoxynojirimycin (DNJ)
Excipients	Maltodextrin L-leucine
Solvent	Water

MANUFACTURING DETAILS	
Batch Number	
Date of Manufacture	
Retesting date	

PHYSICAL PROPERTIES		
		Result
Colour and Appearance	Light brown/brown powder	Confirmed
Taste and Odour	Characteristic odor. Malt-taste with slight bitterness	Confirmed
Solubility	Water – Yes 50% ethanol – Yes Oil - No	Confirmed

CHEMICAL ANALYSIS			
		Test Method	Result
DNJ	5.0% ± 0.5%	HPLC-ELSD	5.06
Moisture	< 7.0%	GB5009.3-2016	4.71
Acid Insoluble Ash	< 2.0%	GB5009.4-2016	0.0054
Heavy Metals:			
Arsenic (As)	< 1.5 ppm	ICP-MS	0.29
Mercury (Hg)	< 0.1ppm	ICP-MS	Not detected
Cadmium (Cd)	< 0.5ppm	ICP-MS	0.042
Lead (Pb)	< 1.0ppm	ICP-MS	0.044

MICROBIOLOGICAL ANALYSIS			
		Test Method	Result
Total Aerobic Plate Count	< 10 ⁴ cfu/g	ISO 4833-1:2013	<10 cfu/g
Yeast/Mould	< 10 ² cfu/g	ISO 21527: 2008	<10 cfu/g
Escherichia Coli	Absent in 10g	ISO 16649-3:2015	Not detected
Salmonella	Absent in 25g	ISO 6579-1: 2017	Not detected
Enterobacteria	< 10 ² cfu/g	ISO 21528-2: 2017	<10 cfu/g

CERTIFICATE OF ANALYSIS

Product Code			
COA Reference No.	NOVOCINPS/ 50KGS/01	Date of Issue	
PRODUCT NAME	CINNMAON POWDER		
BOTANICAL NAME	CINNAMOMUM CASSIA		
FAMILY	LAURACEAE		
PART USED	BARK		
COUNTRY OF ORIGIN	INDIA		
TREATMENT	STEAM STERILIZATION		
TOTAL BATCH QUANTITY	500 KGS		
BATCH NUMBER	10CINPS250501		
MANUFACTURING DATE			
SHELF LIFE	TWO YEARS FROM THE DATE OF MANUFACTURING		

TEST PARAMETER	STANDARD	RESULT	METHOD
DESCRIPTION	Brown colour Powder	Complies	Visual
ODOUR & TASTE	Characterisitc	Complies	Sensory
LOSS ON DRYING AT 105°C	NMT 10.0% w/w	7.67%	AOAC
PARTICLE SIZE	95% through 60#	Complies	ASTA
HEAVY METALS			
LEAD	NMT 3.0 PPM	1.67 PPM	AOAC 999.11
ARSENIC	NMT 1.0 PPM	<0.01 PPM	
CADMIUM	NMT 1.0 PPM	0.470 PPM	
MERCURY	NMT 0.1 PPM	0.027 PPM	
MICROBIOLOGICAL DATA			
STANDARD PLATE COUNT	1,00,000 CfU/g	37,300 CfU/g	BAM
YEAST & MOLD	1000 CfU/g	100 CfU/g	
PATHOGENS			
E.COLI	Absent/g	Absent/g	BAM
SALMONELLA	Absent/25g	Absent/25g	
PACKING DETAILS	Packed in food grade LDPE lined kraft paper bags/ drum packing		
STORAGE CONDITIONS	Store away from moisture, freezing and average heat above 30°C		

THE PRODUCT MANUFACTURED IS KOSHER & HALAL CERTIFIED

Note: The product is manufactured from plant origin so there could be a slight variation in colour as a result of different geographical

Prepared By

Reviewed & Approved by

CERTIFICATE OF ANALYSIS

BA validé par LL

Product Description

Product Name	Berberis Aristata Plant Extract	Nature of product	Powder
Botanical Name	<i>Berberis Aristata</i>	Origin	India
Part Used	Bark	Solvents Used	Hydroalcoholic
Batch No.		Manufacturing Date	
Batch Quantity	1000 Kg	Expiry date	
Product Code			

Testing Parameters

Items	Specification	Method	Results
Physical Parameters			
Color	Brown	Organoleptic	Complies
Odor	Characteristic	Organoleptic	Complies
Taste	Natural	Organoleptic	Complies
Solubility	Soluble in water	In House	Complies
Appearance	Fine Powder	Organoleptic	Complies
Analytical Quality			
Identification	Identical to R.S. sample	TLC	Complies
Sieve analysis	90% through 80 mesh	Sieve	Complies
Moisture (w/w)	< 10.0%	In House	5.45%
Ash (w/w)	< 5.0%	In House	2.34%
Acid insoluble ash(w/w)	< 2.4%	In House	1.48%
Bulk Density	40-80 g/100mL	In House	Complies
Active Assay (Berberine HCL)	NLT 50%	Titration	50.3%
Heavy Metals			
Arsenic	Max 1.1 ppm	ICP-OES	B.L.Q
Cadmium	Max 1.0 ppm	ICP-OES	B.L.Q
Lead	Max 2.5 ppm	ICP-OES	B.L.Q
Mercury	Max 0.1 ppm	ICP-OES	B.L.Q
Contaminants			
Aflatoxin B1	≤2ppb	EASI-CHE-SOP-18	Complies
Aflatoxin B2	≤2ppb	EASI-CHE-SOP-18	Complies
Aflatoxin G1	≤2ppb	EASI-CHE-SOP-18	Complies
Aflatoxin G2	≤2ppb	EASI-CHE-SOP-18	Complies
Ethylene Oxide	≤0.01mg/kg	EKA-CHE-SOP-053(By GC-MS)	Complies
Pesticides Residues	Organic Requirements	EKA-CHE-SOP-030(By LC-MSMS& GC-MSMS)	Complies
Microbiological			
Total Plate count/g	<10000 CFU/g	ISO 4833-1-2013	<1000 CFU/g
Yeast & moulds/g	<100 CFU/g	ISO 21527-2:2008	<100 CFU/g
Coliform/g	<10 CFU/g	ISO 4832:2006	<10 CFU/g
Escherichia coli(/25g)	Negative	ISO 16649-2-2001	Negative
Salmonella(/25g)	Negative	ISO 6579-1:2017/AMD 1:2020	Negative

Note: B.L.Q – Below Limit of Quantification, Limit of Quantification: 0.05mg/kg for Heavy Metals

Packing and Storage	Store in sealed containers at cool & dry place to protect from light moisture and pest infestation
Appearance	This is a natural product and there may be color variations from lot to lot due to crop fluctuations from harvest to harvest.
Shelf Life	36 months under the above condition, and in its original package