

INSOLENT [LABS]

THE RAPTOR COMPANY

65, rue Réaumur
75002 PARIS

A l'attention de
Monsieur Ismail OUSLIMANI

Paris, le 16 septembre 2022

Objet : LIMITLESS FUEL
LIBERATION DES LOTS
Service Qualité
Certification

Monsieur,

Nous vous confirmons la libération du lot de BERSERK FUEL numéro H-22-023 en date du 16/09/2022.

Ce lot est certifié conforme en tous points, et est libéré pour sa commercialisation.

Nous attestons que l'ensemble de ce lot a été produit en France et vous remercions de bien vouloir trouver en pièce(s) jointe(s) :

- MASTER FILE PRODUIT

Nous vous remercions pour votre confiance,
Bien cordialement,



INSOLENT [LABS]
41, rue Boissy d'Anglas
75008 PARIS
RCS PARIS 920 229 655

Le Pharmacien Responsable Qualité

INSOLENT [LABS]

THE RAPTOR COMPANY
RAPTOR NUTRITION
GAMME EQUILIBRE
LIMITLESS FUEL

PRODUCT MASTER FILE

Paris, le 24/06/2022

**DIRECTION GÉNÉRALE DE LA CONCURRENCE,
DE LA CONSOMMATION ET DE LA RÉPRESSION DES FRAUDES
59 BD VINCENT AURIOL - TÉLÉDOC 223
75703 PARIS CEDEX 13**

Bureau 4A - Nutrition et information sur les denrées alimentaires
Tél : 01 44 97 31 51
Mél : bureau-4A@dgccrf.finances.gouv.fr

ATTESTATION DE DÉCLARATION D'UN COMPLÉMENT ALIMENTAIRE

La Direction générale de la concurrence, de la consommation et de la répression des fraudes (DGCCRF) atteste que :

THE RAPTOR COMPANY

a effectué, le 24/06/2022, la déclaration mentionnée à l'article 15 du décret n°2006-352 du 20 mars 2006 relatif aux compléments alimentaires pour le produit :

Limitless Fuel Gélule

Cette déclaration est enregistrée sous le numéro : 2022-6-1330

La déclaration prévue à l'article 15 du décret n°2006-352 vise à informer l'administration de la mise sur le marché d'un complément alimentaire. Elle n'a pas pour objectif de procéder à un contrôle de la conformité du produit à l'ensemble des dispositions qui lui sont applicables, notamment en matière d'hygiène ou d'information du consommateur.

Cette attestation ne constitue donc pas une garantie de conformité aux dispositions en vigueur.

Conformément aux dispositions de l'article 17 du règlement (CE) n° 178/2002 établissant les principes généraux et les prescriptions générales de la législation alimentaire et à celles de l'article L. 411-1 du Code de la consommation, il incombe à l'exploitant du secteur alimentaire de veiller à ce que le complément alimentaire qu'il met sur le marché réponde aux prescriptions du droit alimentaire qui lui sont applicables.

Pour tout renseignement d'ordre général sur la procédure de déclaration des compléments alimentaires, rendez-vous sur le site de la DGCCRF à l'adresse suivante :

<http://www.economie.gouv.fr/dgccrf/Securite/Produits-alimentaires/Compléments-alimentaires>



Flasher le QR-Code ou saisir le code de vérification du document
YKmwYi sur le site [https://teleicare.dgccrf.finances.gouv.fr/verif/
YKmwYi](https://teleicare.dgccrf.finances.gouv.fr/verif/YKmwYi)

INSOLENT [LABS]

Général	
Date début de production :	14/12/2022
Date fin de production :	16/12/2022
DLUO :	19/12/2025

Préparation	
Quantité demandée :	600 000
Quantité total engagée :	600 000
Perte :	0 %

Contenant	
Qualité :	HPMC
Taille :	T.0
Couleur :	TR.

Composition

Ingrédient	Quantité / Unité	Perte	Quantité à produire	Quantité prélevée	N° Lot
EXS-Bacopa 25%	90 Mg	0 %	54 000 g	54 000 g	BE-010M/2208/B-13
CH-Magnésium bisglycinate 20%	95 Mg	0 %	57 000 g	57 000 g	22102601
CH-Acide alpha-lipoïque	80 Mg	0 %	48 000 g	250 g 47 750 g	ALA.2205181 2204171
EXS-Ginkgo 24%	50 Mg	0 %	30 000 g	30 000 g	GB202206007
CH-Phosphatidylsérine (20%) (ADO)	10 Mg	0 %	6 000 g	3 670 g 2 330 g	070722P 100222P
VIT-Vit. B6 (Pyridoxine Chlor 82%)	0,9 Mg	0 %	540 g	540 g	O-1306041-210628
VIT-Vit. B1 (Thiamine) 89%	0,6 Mg	0 %	360 g	360 g	Y01202105010
VIT-Vit. B9 (Acide folique)	0,07 Mg	0 %	42 g	42 g	O-1407319-200730
VIT-Vit. B12 (Méthylcobalamine)	0,002 Mg	0 %	0,9 g	0,9 g	032112050
Total (Mise en Oeuvre)	326,57 Mg		195 942,9 g		

Contenant	Quantité	N Lot Fourn.
G-Vg-0-Transp	600 000	SV022041013

Fabrication

Informations	
Opérateur :	II
Vitesse :	

Poids	
Poids net :	327 Mg
Contenant poids :	95 Mg
Poids brut nominal :	422 Mg

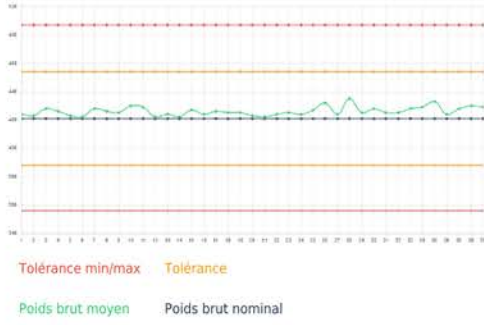
Tolérance	
Tolérance / Poids net :	-10% / +10%
Soit poids unitaire brut :	>389Mg & <454Mg

Relevés

Contrôle Poids Bruts moyens (Lot de 10 gélules) :

424,423,428,426,423,422,428,426,425,430,429,422,424,422,427,424,426,425,425,423,422,424,425,424,427,432,424,435,425,428,425,425,428,429,433,424,428,430,429

INSOLENT [LABS]



Poids moyen sur 10 gélules (Mesure 39)

Poids brut :	426 Mg
Poids net :	331 Mg

Contrôle Uniformité de masse : Mesures : 390

< 389 Mg : (0 %)	< 454 Mg : (0 %)
< 356 Mg : (0 %)	< 487 Mg : (0 %)

Quantité théorique à obtenir :	591 973
Quantité unité reg. machine :	
Quantité nette à obtenir :	591 973

Quantité produite :	591 103
Rendement :	100%

INSOLENT [LABS]

BRAHMI LEAF EXTRACT
25% BACOSIDES

DOSSIER TECHNIQUE

INSOLENT [LABS]

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These information are valid at the date of writing of this document. They are submitted in the present state of our knowledge. This document is for information purposes only.

This product is intended to be used in food supplements. It is up to the final user to determine its terms of use, according to the applicable regulations.

INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

INFORMATIONS SUR LA PLANTE

PLANT INFORMATION

RAW MATERIAL INFORMATION

Botanical name	<i>Bacopa monnieri</i>
Family	Plantaginaceae
Common name	Brahmi
Plant part used	Leaf
Risk of adulteration or confusion	/
Type of culture (cultivated/wild)	Cultivated
Geographical origin of the plant	
- Continent	Asia
- Country	India
- Region	
Is the plant concerned by the regulation 338/97/CE	No
Period of harvest (month(s) of harvest)	All year
Method of harvest (manual/mechanical)	Manual
Stage of harvest (development stage of the plant)	Mature
Has the plant been dried after harvest	Yes
If so, what is the drying method	Sun drying
Has the plant been treated before harvest	No
If so, specify	
Has the plant been treated after harvest	Yes
If so, specify	Cleaning
Compliance with Good Agricultural and Collection Practices (GACP)	No

RAW MATERIAL IDENTIFICATION

Reference monograph of raw material	In House specification
Identification of raw material or extract	Visual / TLC
Active compound	Bacosides
Constituents responsible of adverse effects (<i>Substance to be monitored* : according to French regulation</i>)	No

*Limited substances are tested in control plan. Unlimited substances are tested on customer's request.

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DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

INFORMATIONS SUR L'EXTRAIT

EXTRACT INFORMATION

EXTRACT CHARACTERIZATION

Extraction information

Process of herbal preparation	<input checked="" type="checkbox"/> Extraction	<input type="checkbox"/> Supercritical CO2
	<input type="checkbox"/> Ultrason	<input type="checkbox"/> Microwave-assisted extraction
Extract solvent (%)	30% ethanol / 70% water	
Native extract ratio (NER) :	8/1 expressed on <input checked="" type="checkbox"/> dry or <input type="checkbox"/> fresh plant	
Final extract ratio (DER) :	8/1 expressed on <input checked="" type="checkbox"/> dry or <input type="checkbox"/> fresh plant	
Continent of manufacture	Asia - India	

Extract composition

Ingredient(s)	Content (%)	Function
Native extract	100	Ingredient

Analytical data

Appearance*	Brown to deep brown powder
Loss on drying	NMT 6%
Solubility	Soluble in alcohol & water
Bulk density	>0.15g/ml
Tapped density	>0.25g/ml
Particle size	100% through 80 mesh
Assay – Test method	NLT 25% of bacosides A&B – by spectrophotometer

Storage conditions / Shelf life

Type of packaging	PE
Packaging	Suitable for food industry
Storage conditions	Store at temperature below 25°C, in a well closed bag away from moisture and direct sun light
Shelf life	2 years if stored in accordance with recommendations
Batch size	Batch size depends of our suppliers and of customer order (kg to tons)
Stability data	Upon request

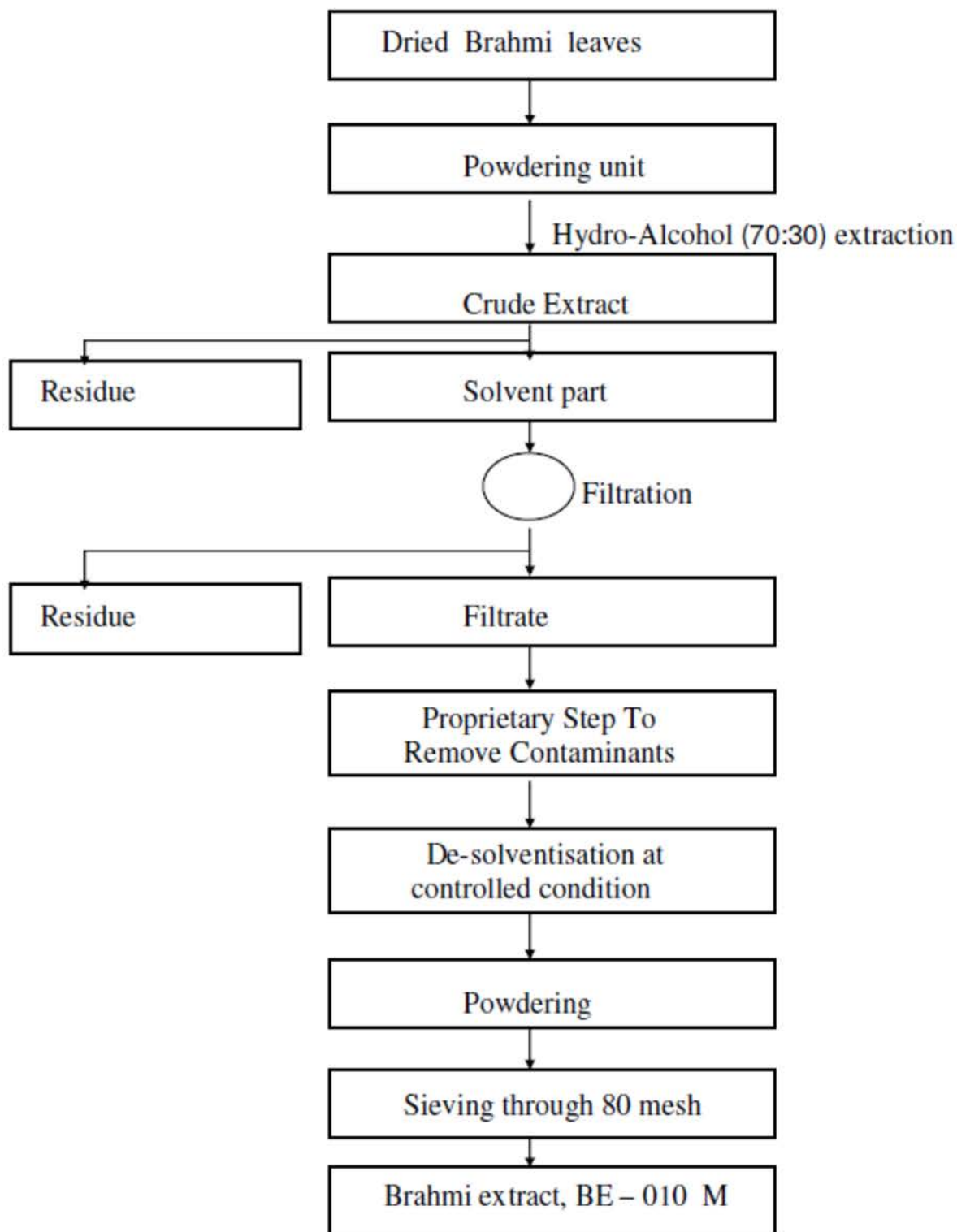
*For products from plant origin, minor color variation can be observed due to geographical and seasonal variation of the raw material

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DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

FLOW CHART



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DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

IMPURITIES*

Contaminants and residues		Analysis		Not tested	Content- limit	Reference and/or method
		Each batch	Control plan			
Heavy metals	Lead (Pb)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<3ppm	ICP-MS
	Cadmium (Cd)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<1ppm	ICP-MS
	Mercury (Hg)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<0.1ppm	ICP-MS
	Arsenic (As)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<2ppm	ICP-MS
Microbiological control	Total plate count	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<10 000 cfu/g	AOAC
	Yeast & moulds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<1000 cfu/g	AOAC
	Bile tolerant gram – bacteria (enterobacteria)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<100 cfu/g	NF V 08-054
	E. coli	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Negative/g	AOAC
	Salmonella	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Negative/25g	AOAC
	Staphylococcus aureus	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Negative/g	AOAC
	Coliforms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
Contaminants control	Residual solvent (ethanol)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NMT 5000ppm	GC
	Pesticides	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<MRL	Complies with EC 396/2005
	Aflatoxin B1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Sum of B1, B2, G1, G2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Ochratoxin A	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Dioxins and PCBs	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Benz(o)apyrene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<10ppb	GC
	Sum of PAH (benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<50ppb	GC
	Melamine and its structural analogues	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Iodine (algae)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Microcystin (algae)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
	Other contaminants :				-	
	Pyrrolizidine alkaloids	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<i>On customer's request</i>	-
	3-MCPD (3-monochloro-propanol-1,2-diol)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-

*Information given by our supplier on the date of updating of data sheet

INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

ATTESTATIONS - STATEMENTS

GMOs FREE STATEMENT

According to the manufacturer's declaration and to the European Regulations:

- Regulation (EC) No. 1829/2003 of the European Parliament and of the Council of 22 September 2003 on genetically modified food and feed
- Regulation (EC) No. 1830/2003 of the European Parliament and of the Council of 22 September 2003 concerning tractability and labelling on GMOs and tractability of food and feed products produced from GMOs and amending Directive 2001/18/EC

GMOs FREE

Yes No

If no, name and quantity (%):

NON-IRRADIATION STATEMENT

According to the manufacturer's declaration and to the European Directive 1999/2/EC and 1999/3/EC of the European Parliament and of the Council:

NON-IRRADIATION

Yes No

BSE/TSE FREE STATEMENT

According to the manufacturer's declaration:

BSE/TSE FREE

Yes No

NANOMATERIALS FREE STATEMENT

According to the manufacturer's declaration and to the EU Regulation No 2015/2283 of the European Parliament and of the Council of 25 November 2015:

NANOMATERIALS FREE

Yes No

If no, name and quantity (%):

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DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

ALLERGENS AND CROSS CONTAMINATION STATEMENT

According to the manufacturer's declaration and to the EU Regulation No 1169/2011 of the European Parliament and of the Council of 25 October 2011, this product is:

ALLERGENS FREE

Yes No (if no see below)

	Present in the product	Quantity (ppm) In case of presence	Allergen that may be present in the warehouse		
Cereals containing gluten, namely: wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains, and products thereof (1)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Crustaceans and products thereof	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Eggs and products thereof	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Fish and products thereof (2)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Peanuts and products thereof	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not applicable
Soybeans and products thereof (3)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Milk and products thereof (including lactose) (4)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Nuts, namely: almonds (<i>Amygdalus communis</i> L.), hazelnuts (<i>Corylus avellana</i>), walnuts (<i>Juglans regia</i>), cashews (<i>Anacardium occidentale</i>), pecan nuts (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts (<i>Bertholletia excelsa</i>), pistachio nuts (<i>Pistacia vera</i>), macadamia or Queensland nuts (<i>Macadamia ternifolia</i>), and products thereof (5)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Celery and products thereof	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Mustard and products thereof	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Sesame seeds and products thereof	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO ₂ (6)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Lupin and products thereof	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not applicable
Molluscs and products thereof	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable

The risk of cross contamination on site is avoided by cleaning procedures.

1) Exceptions: Wheat based glucose syrups including dextrose / Wheat based maltodextrins / Glucose syrups based on barley /Cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin

(2) Exceptions: fish gelatin used as carrier for vitamin or carotenoid preparation / fish gelatin or Isinglass used as fining agent in beer and wine

(3) Exceptions: Fully refined soybean oil and fat / natural mixed tocopherols (E306), natural D-alpha tocopherol acetate, and natural D-alpha tocopherol succinate from soybean sources / vegetable oils derived phytosterols and phytosterol esters from soybean sources / plant stanol ester produced from vegetable oil sterols from soybean sources

(4) Exceptions: whey used for making alcoholic distillates including ethyl alcohol of agricultural origin / lactitol

(5) Exceptions: nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin

(6) In terms of the total SO₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers

INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

EUROPEAN FOOD REGULATIONS

According to the manufacturer's declaration, this product is

EUROPEAN REGULATIONS	COMPLIANT		
Contaminants (Regulation 1881/2006/EC)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Pesticides (Regulation 396/2005/EC)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Extraction solvents (Directive 2009/32/EC)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not applicable
Food additive (Regulation 231/2012/CE and 1333/2008/EC)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not applicable

FOOD GRADE

According to the manufacturer's declaration, this product is:

STATEMENTS			
Food grade	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not specified
Suitable for vegetarians	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not specified
Suitable for vegans	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not specified
Halal*	<input type="checkbox"/> Upon request	<input checked="" type="checkbox"/> Not specified	
Kosher*	<input type="checkbox"/> Upon request	<input checked="" type="checkbox"/> Not specified	

*Product certified by the supplier. Site is not halal and kosher certified

NON-ANIMAL TESTING STATEMENT

According to the manufacturer's declaration:

ANIMAL TESTING	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not specify
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INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

INFORMATIONS COMPLEMENTAIRES

OTHER INFORMATION

REGULATORY STATUS

The plant used for this product is approved in:

- French decree - Arrêté plante du 24 juin 2014
- Belgian decree - Arrêté royal du 31/08/21
- Italian decree - Décret du 10 août 2018
- Other : *Croatia, Czech republic*

Europe : Risk of requalification as a medicinal product (According to EMA monograph) <i>(National restriction possible)</i>	No
Plant present in list B of the French Pharmacopoeia	No
If plant present listed in the list B of the French Pharmacopoeia: according to the Public Health Code, food supplements containing plant or parts of plants appearing on list B of the French Pharmacopoeia can't be sold by other people than pharmacists.	

INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

Country	Source	Plant part	Substance to be monitored	Additional information
Belgium	Positive list, Royal decree 31 August 2021 plants, replacing Royal decree 29/08/97 as amended	Whole plant	/	/
France	Positive list, Law of 24 June 2014	Whole plant	/	/
Germany	/	/	/	/
Italy	Positive list, Decree 10 August 2018, Annex 1 updated on 9 January 2019, 26 July 2019, 4 August 2021 and 1 August 2022	Herb, Top, Leaf, Rhizome, Flower	/	The Italian authorities do not accept botanicals claims on hold at European level, because Italy already had national provisions: physiological effects listed in the last column of the list of plants authorized in Italy (« LG MINISTERIALI DI RIFERIMENTO PER GLI EFFETTI FISILOGICI »).

Information given as an indication according to our current knowledge only for Belgian, German, French and Italian regulations. This product is intended to be used in food supplements. It is up to the final user to determine its terms of use, according to the applicable regulation

INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

NOVEL FOOD*

Bacopa monnieri is :

Used before 15 May 1997 (according to Novel food catalogue**):

As food or food ingredient, so is not subject to the Novel Food Regulation (*possible national restrictions*).

Only as or in food supplements, so is not subject but other food use has to be authorized pursuant to the Novel Food Regulation (*possible national restrictions*).

Not used before 15 May 1997 and:

Authorized and Listed in the Union List of Novel Foods in accordance with Regulation (EU) 2017/2470

Request in progress, further information is required.

Not authorized. Therefore, before it may be placed on the market in the EU as a food or food ingredient a safety assessment under the Novel Food Regulation is required.

No information available - Not in the positive list or in Catalogue of Novel Food at the date of writing.

** Indicative information*

*** The Novel Food Catalogue lists products of animal and plant origin and other substances subject to the Novel Food Regulation, based on information provided by the EU Member States. It is a non-exhaustive list and serves as orientation on whether a product will need an authorization under the Novel Food Regulation (national restriction are possible)"*

INSOLENT [LABS]

DOSSIER TECHNIQUE - SPECIFICATION SHEET

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

ALERTE RASFF*

RASFF alert known on the product on the date of updating the data sheet:

No

Yes, see below:

* *Indicative information*

Classification	Date of case	Reference	Notifying country	Subject	Product category	Type	Risk decision
Alert notification	20 MAY 2022	2022.2966	Germany	2-Chloroethanol in Bacopa Monnieri extract from India, used in food supplement from Germany	Dietetic foods, food	Food	Serious
Information notification for attention	13 SEP 2021	2021.4870	Germany	Salmonella spp. in Organic Bacopa Monnieri (Brahmi) Powder from India	Other food product / mixed	Food	Serious
Alert notification	8 JUL 2021	2021.3624	Spain	Ethylene oxide in bacopa extract used as an ingredient in food supplements from Spain	Dietetic foods, food	Food	Serious
Alert notification	22 JUN 2021	2021.3285	Bulgaria	Pesticides in Bio Brahmi powder	Herbs and spices	Food	Serious

INSOLENT [LABS]

DOSSIER TECHNIQUE - *SPECIFICATION SHEET*

BACOP25001 – BRAHMI LEAF EXTRACT 25% BACOSIDES

FICHE DE SÉCURITÉ Material Safety Data Sheet

Material Safety Data Sheet contains information about employee health protection and safety. MSDS apply to dangerous substances and blends containing dangerous substances. MSDS aim at keeping the users attention on the dangers and the caution related to the product and its conservation.

The above-mentioned substance or preparation does not meet the criteria for classification as dangerous (European regulation n° 1272/2008 and its modifications) and therefore is not subject to the obligation to provide a Material Safety Data Sheet (European regulation n°1907/2006 and its modifications).

This statement is based on our current knowledge at the date indicated on this document. Attention of the users is required on potential risks caused by a usage of the product that would differ from what it was conceived for. Specifically, this item is intended for an industrial application, must not be consumed as is, and must be handled with the usual precaution.

INSOLENT [LABS]

CERTIFICATE OF ANALYSIS

Name of product: Magnesium bisglycinate 20% Mg	Batch no.: 21121501
Manufacturing date: 15.12.2021	Expiry date: 14.12.2023

RESULTS

Item	Specification	Result
Appearance	Powder	Powder
Color	White	White
Impurities	No visible foreign materials	Correct
Identification	Positive	Correct
Magnesium content (Dry base) [%]	≥ 20.0	21,59%
Loss on drying [%]	≤ 5.0	0,89
pH value	9.0 – 11.0	11.00
Pass through 80 mesh [%]	≥ 95.0	> 95.0
Lead [mg/kg]	≤ 3.0	< 3.0
Arsenic [mg/kg]	≤ 1.0	< 1.0
Mercury [mg/kg]	≤ 0.1	< 0.1
Cadmium [mg/kg]	≤ 1.0	< 1.0
Total plate count [cfu/g]	≤ 2000	< 100
Yeasts and moulds [cfu/g]	≤ 200	< 25
Coliforms [cfu/g]	Absent in 1g	Correct
Staphylococcus aureus	Absent in 1g	Correct
Salmonella	Absent in 25 g	Correct
E.Coli	Absent	Correct

Packaging: Bags / carton boxes 20kg

Storage: The product should be protected from moisture, and immediately after opening should be used due to the risk of lumping.

INSOLENT [LABS]

R-Alpha lipoic acid

Product SPECIFICATION

Product Name	R-Alpha lipoic acid
INCI Name	1,2-dithiolane-3-valeric acid, compound with 2-amino-2-(hydroxymethyl)propane-1,3-diol (1:1)
EINECS Number	238-329-9
CAS Code	14358-90-8

Description	A pale yellow crystal with a characteristic odor, tasteless
Identification	Meets the requirements
Melting point	48 ~ 51° C
Specific optical Rotation (C=1, Ethanol)	+110° - +120°
Loss on drying	0.5% Max.
Residue on ignition	0.1% Max.
Cyclohexane	0.388% max.
Heavy metals	10 ppm Max.
Lead	2 ppm max.
Arsenic	1 ppm max.
Cadmium	1 ppm max.
Mercury	0.1 ppm max.
Total Plate Count	1,000 per/g Max.
Moulds and Yeasts	100 per/g Max.
Escherichia coli	Negative
Salmonella	Negative
Particle Size	100% Through 40 mesh
Loose Bulk Density	0.25 ~ 0.35 g/ml
Assay	99.00% Min.
Starting Material: Alpha Lipoic Acid.	

General Product INFORMATION

Mesh of the product	20-80
Taped density	0.4-0.5 g/ml
Bulk density	0.25-0.35 g/ml
Water solubility	Very soluble in cold water
Origin (Synthetic, Fermentation)	synthetic
Origin (Animal, Vegetal, etc.)	chemical
Is the product and their ingredients FREE of GLUTEN?	Yes

INSOLENT [LABS]

R-Alpha lipoic acid

BSE/TSE Statement

The product does not contain and is not derived from Specified Risk Material as defined in Commission Directive European and it is conform to the EU legislation relating to the risk of Transmission of Spongiform Encephalopathy (TSE).

GMO Statement

Following EU regulations have been published in the Official Journal of the European Union:

- Regulation (EC) No.1829/2003 of the European Parliament and the Council of 22nd September 2003 on genetically modified food and feed
- Regulation (EC) No.1830/2003 of the European Parliament and the Council of 22nd September 2003 concerning tractability and labeling on genetically modified organisms and tractability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC.

This product has not been genetically modified so there is no obligation of GMO labeling as defined by the above mentioned regulations.

NON IRRADIATION/NON IONIZED Statement

According to directives 1992/2/EC and 1999/3/EC, We confirm is not made from irradiated/ionized raw materials or was irradiated/ionized the product.

PESTICIDES Statement

To our actual knowledge of production process, raw materials and equipment used potential pesticide residues in the above mentioned product comply with the European legislation on pesticide residues, esp. Regulation (EC)None. 396/2005. However, we do no test for pesticide residues on a routine basis.

RESIDUAL SOLVENTS Statement

The product meets with:

- DIRECTIVE 2009/32/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 April 2009 on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients
- DIRECTIVE 2010/59/EU of 26 August 2010 amending Directive 2009/32/EC of the European Parliament and of the Council on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients.

CONTAMINANTS

The product is in accordance and meets with the commission regulation (EC) No.629/2008 of 2 July 2008 amending regulation (EC) No.1881/2006 setting maximum levels for certain contaminants in foodstuffs.

PCBS and MELAMINE

The product is in accordance and meets with the commission regulation (EU) No.594/2012 of 5 July 2012 amending regulation (EC) No.1881/2006 as regards the maximum levels of the contaminants Ochratoxin a, non dioxin-like PCBS and melamine in foodstuffs.

ANTI-DOPING

As per the list of 2012 of the world anti-doping agency the ingredient is not a doping substance and not a combination of doping substances. The ingredient does not contain any doping substance. The ingredient does not result from a doping substance.

NANOMATERIALS Statement

According to the the definition of 'nanomaterials' of the UE REGULATION (EU) No 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2011 on the provision of food information to consumers , we hereby attest that no nanomaterials are used in the formulation nor in the packaging materials of our product.

INSOLENT [LABS]

ALLERGENS Statement

In accordance with the Directive 2003/89/EC and Council amending Directive 2000/13/EC and taking Directive 2005/26/EC, Directive 2005/63/EC and Directive 2006/142/EC of 22.12.2006 into consideration. We confirm the following information:

Note: Does the raw material CONTAIN or is it DERIVED from or could it be CROSS-CONTAMINATED by any of the following.

Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Peanuts and products thereof	No
Soybeans and products thereof	No
Milk and products thereof (including lactose)	No
Nuts (i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut and products thereof)	No
Celery and products thereof	No
Mustard and products thereof	No
Sesame seeds and products thereof	No
Sulphur dioxide and sulphite at concentrations of more than 10 mg/kg or 10 mg/l expressed as SO ₂	No
Lupine and products thereof	No
Molluscs and products thereof	No

INSOLENT [LABS]

ALBA List (Allergens)

When it is written 'No' means that there's no contamination in:
Contain in recipe, Handled on same production line or Handled at same side.

	Cross contamination (mg/kg)?	Where?
Cow milk protein	No	-
Lactose	No	-
Chicken egg	No	-
Soya protein	No	-
Soya oil	No	-
Gluten	No	-
Wheat	No	-
Rye	No	-
Cattle	No	-
Pork	No	-
Chicken	No	-
Fish	No	-
Shellfish and Crustaceae	No	-
Corn	No	-
Cocoa	No	-
Leguminous plants	No	-
Nuts	No	-
Nut oil	No	-
Peanut	No	-
Peanut oil	No	-
Sesame	No	-
Sesame oil	No	-
Glutamate	No	-
Sulphide (E220 to E228)	No	-
Coriander	No	-
Celery	No	-
Carrot	No	-
Lupines	No	-

INSOLENT [LABS]

R-Alpha lipoic acid

MSDS (Material Safety Data Sheet)

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name: R-Alpha lipoic acid
CAS Number: 14358-90-8

2. INFORMATION ON COMPOSITION

Name : R-alpha lipoic acid
Chemical Formula : C₈H₁₄O₂S₂

3. HAZARD IDENTIFICATION

Product not subject to compulsory markings
Take the usual cautionary measures for chemical material handling

4. FIRST AID MEASURES

General Instruction : The product is neither dangerous nor hazardous .
Availability of the usual first aid means is requested.

Eye contact :In case of contact ,immediately flush eyes with copious amounts of water for at least 15 minutes .
. Assure adequate flushing by separating the eyelids with fingers; call a physician .

Skin contact : in case of contact , immediately wash skin with soap and copious amounts of water .

Ingestion : if swallowed , wash out mouth with water provided person is conscious, call a physician.

Inhalation :if inhaled , remove to fresh air , if not breathing give artificial respiration. If breathing is difficult , Give oxygen

Notes to physicians : Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media : water spray , dry chemical powder , carbon dioxide .

Unusual fire and explosions :Emits toxic flumes under fire conditions.

Special protective equipment : wear a self-contained breathing apparatus and protective clothing to prevent contact
with skin and eyes .

6. ACCIDENTAL SPILLING MEASURES

Antidust mask , chemical safety goggles, rubber boots and heavy rubber gloves .

Sweep up, place in a bag and hold for waste disposal ; avoid raising dust .

Ventilate area and wash spill site after material pickup is complete .

7. STORAGE AND HANDLING

INSOLENT [LABS]

R-Alpha lipoic acid

MSDS (Material Safety Data Sheet)

Handling : usual protective equipment against chemical powder.

Storage : Stored in dry , dark and cool place . For long time store better under 5°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

General measures : Normal cautions for chemical materials.

Personal protection and hygiene : General guidelines of good industrial hygiene

Respiratory protection : antidust mask

Hands protection: gloves

Eyes protection: goggles

Skin protection: protective clothing

Technical facility measures : Efficient exhaustion system

9. STABILITY AND REACTIVITY

General features : stable in dry and cool place

Condition to avoid : warning , contact with acidic mediums

Materials to avoid : Oxidizers , mineral acids

10. PHYSICAL AND CHEMICAL PROPERTIES

Molecular weight: 206.33

Solubility(IN NaOH): Clear and pale yellow

Melting Point: 46-49°C

Loss on drying: 0.5% max

Appearance: Slight yellow crystal powder

11. TOXICOLOGICAL INFORMATION:

N/P

12. ECOLOGICAL INFORMATION:

N/P

13. DISPOSAL CONSIDERATION:

Waste disposal methods:

Dispose of in a manner consistent with federal, state and local regulations.

Not listed as a material banned from land disposal according to rcra.

14. TRANSPORT INFORMATION:

N/P

15. REGULATORY INFORMATION

SARA Title III information:

N/P

Federal regulatory information:

INSOLENT [LABS]

MSDS (Material Safety Data Sheet)

N/P

State regulatory information:

N/P

16. OTHER INFORMATION

Other information: N/P

Ginkgo biloba extract (24-6)

Product SPECIFICATION

Product Name	Ginkgo biloba extract (24-6)
INCI Name	Ginkgo biloba, ext.
EINECS Number	289-896-4
CAS Code	90045-36-6

Botanical Source	Ginkgo Leaf
Description	
Appearance	Light brown fine powder
Odor / Taste	Characteristic
Extract Solvent	Ethanol & Water
Excipient	None
Particle Size	100% Through 80 mesh
Bulk Density	0.30 g/ml ~ 0.50 g/ml
Marker Compounds	
Total Flavone Glycosides	24.00~34.29%
Quercetin	
Kaempferol	
Isorhamnetin	
Total Terpene Lactones	6.00~8.57%
Ginkgolides (A)	
Ginkgolides (B)	
Ginkgolides (C)	
Ginkgolides (J)	
Bilobalides	
Total Ginkgolic Acid	≤5.00ppm
Rutin	≤3.50%
Genistein	≤0.10%
Chemical Test	
Loss on drying	≤ 5.00%
Heavy Metals	≤3.0 ppm
Lead	≤0.5 ppm
Arsenic	≤0.3 ppm
Cadmium	≤0.1 ppm
Mercury	≤0.1 ppm
Benzo(a)pyrene	≤10µg/kg

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

Product SPECIFICATION

Sum of PAH4 (Pbenzo[a]pyrene, chrysene, benz[a]anthracene and benzo[b]fluoranthene)	≤50µg/kg
Microbiological test	
Total plate count	≤ 1000 cfu/g
Yeast & Mold	≤ 100 cfu/g
E.Coli	Negative
Salmonella	Negative
Staphylococcus	Negative
Aflatoxins (B1,B2,G1,G2)	≤ 5.0 PPB

GENERAL PRODUCT INFORMATION

Mesh of the product	80
Taped density	0.55-0.70g/ml
Bulk density	0.50-0.65g/ml
Water solubility	Part soluble in water
Origin (Synthesis, Fermentation)	Extraction
Origin (Animal, Vegetal, etc.)	From ginkgo biloba leaves
Is the product and their ingredients FREE of GLUTEN?	Yes
Ratio (Approximate) of the Extract	50:1
Solvents Used during the extraction and their %	70% Ethanol & 30% Water
Product is suitable for Vegans	Yes
Product is suitable for Vegetarians	Yes
Product is free of fructose	Yes
Is this product suitable for food?	Yes
Can be the product used in baby food (According to Directive 2006/141/CE)?	No
Drug indication	Ginkgo Biloba leaf improving memory, cardiovascular disease
Melting Point	N/A

TECHNICAL PRODUCT INFORMATION

Raw materials used and their function	Ginkgo Biloba leaf
Frequency of analysis of each contaminant?	Every batch
Frequency of analysis of microbiology?	Every batch, Every batch
Frequency of analysis of each heavy metals?	Every batch, Every batch

FOREIGN BODIES

Explanation about control of the foreign bodies during the manufacturing process:

Metal detector	Yes	The outer packing stage
Sieve	Yes	Sieving and crushing process
Filter	Yes	After extraction process
X-Ray	No	
Other	No	

INGREDIENTS

In accordance with the Directive 2003/89/EC We confirm this is the ingredients and their content in %

Ginkgo biloba	100%
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INSOLENT [LABS]

Ginkgo biloba extract (24-6)

BSE/TSE

The product does not contain and is not derived from Specified Risk Material as defined in Commission Directive European and it is conform to the EU legislation relating to the risk of Transmission of Spongiform Encephalopathy (TSE).

GMO

Following EU regulations have been published in the Official Journal of the European Union:

- Regulation (EC) No.1829/2003 of the European Parliament and the Council of 22nd September 2003 on genetically modified food and feed
- Regulation (EC) No.1830/2003 of the European Parliament and the Council of 22nd September 2003 concerning tractability and labeling on genetically modified organisms and tractability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC.

This product has not been genetically modified so there is no obligation of GMO labeling as defined by the above mentioned regulations.

NON IRRADIATION/NON IONIZED

According to directives 1992/2/EC and 1999/3/EC, We confirm is not made from irradiated/ionized raw materials or was irradiated/ionized the product.

PACKING

We confirm that the packing used is in compliance with:

- Commission Directive 2002/72/EC of 6 August 2002 relating to plastic materials and articles intended to come into contact with foodstuffs.
- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food.

ETHYLENE OXIDE

Ethylene Oxide (ETO) is not used in any phases of the process of manufacture or storage of the above mentioned products. Yes

The above mentioned products do not enter in contact with Ethylene Oxide (ETO) in any phases of the process of manufacture or storage of these materials. Yes

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

PESTICIDES

To our actual knowledge of production process, raw materials and equipment used potential pesticide residues in the above mentioned product comply with the European legislation on pesticide residues, esp. Regulation (EC)None. 396/2005. However, we do no test for pesticide residues on a routine basis.

RESIDUAL SOLVENTS

The product meets with:

- DIRECTIVE 2009/32/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 April 2009 on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients
- DIRECTIVE 2010/59/EU of 26 August 2010 amending Directive 2009/32/EC of the European Parliament and of the Council on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients.

CONTAMINANTS

The product is in accordance and meets with the commission regulation (EC) No.629/2008 of 2 July 2008 amending regulation (EC) No.1881/2006 setting maximum levels for certain contaminants in foodstuffs.

PCBS and MELAMINE

The product is in accordance and meets with the commission regulation (EU) No.594/2012 of 5 July 2012 amending regulation (EC) No.1881/2006 as regards the maximum levels of the contaminants Ochratoxin a, non dioxin-like PCBS and melamine in foodstuffs.

ANTI-DOPING

As per the list of 2012 of the world anti-doping agency the ingredient is not a doping substance and not a combination of doping substances. The ingredient does not contain any doping substance. The ingredient does not result from a doping substance.

As per the list of 2016 of the world anti-doping agency the ingredient is not a doping substance and not a combination of doping substances. The ingredient does not contain any doping substance. The ingredient does not result from a doping substance.

NANOMATERIALS

According to the the definition of 'nanomaterials' of the UE REGULATION (EU) No 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2011 on the provision of food information to consumers , we hereby attest that no nanomaterials are used in the formulation nor in the packaging materials of our product.

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

ALLERGENS

In accordance with the Directive 2003/89/EC and Council amending Directive 2000/13/EC and taking Directive 2005/26/EC, Directive 2005/63/EC and Directive 2006/142/EC of 22.12.2006 into consideration. We confirm the following information:

Note: Does the raw material CONTAIN or is it DERIVED from or could it be CROSS-CONTAMINATED by any of the following.

Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Peanuts and products thereof	No
Soybeans and products thereof	No
Milk and products thereof (including lactose)	No
Nuts (i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut and products thereof)	No
Celery and products thereof	No
Mustard and products thereof	No
Sesame seeds and products thereof	No
Sulphur dioxide and sulphite at concentrations of more than 10 mg/kg or 10 mg/l expressed as SO ₂	No
Lupine and products thereof	No
Molluscs and products thereof	No

NUTRITIONAL INFORMATION

The values given are approximate

Test Item / Result / Test Method

Moisture 3.26g/100g GB 5009.3-2016

Total Fat 0.80g/100g GB 5009.6-2016

Saturated fatty acid 0.68% GB5009.168-2016

Sodium 89mg/100g GB 5009.91-2017

Energy 1615KJ/100g /

Total Carbohydrates 89.2g/100g /

Total Nitrogen 0.66g/100g GB 5009.5-2016

Protein 4.06g/100g GB5009.5-2016

Ashes 2.41g/100g GB 5009.4-2016

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

ALBA LIST (ALLERGENS)

When it is written 'No' means that there's no contamination in:

Contain in recipe, Handled on same production line or Handled at same side.

Where: 1) Contain in recipe 2) Handled on same production line 3) Handled at same side.

	Cross contamination (mg/kg)?	Where?
Cow milk protein	No	-
Lactose	No	-
Chicken egg	No	-
Soya protein	No	-
Soya oil	No	-
Gluten	No	-
Wheat	No	-
Rye	No	-
Cattle	No	-
Pork	No	-
Chicken	No	-
Fish	No	-
Shellfish and Crustaceae	No	-
Corn	No	-
Cocoa	No	-
Leguminous plants	No	-
Nuts	No	-
Nut oil	No	-
Peanut	No	-
Peanut oil	No	-
Sesame	No	-
Sesame oil	No	-
Glutamate	No	-
Sulphide (E220 to E228)	No	-
Coriander	No	-
Celery	No	-
Carrot	No	-
Lupines	No	-

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

RESIDUE LIMITS

For the products/s mentioned above We herewith certify that the ingredient mentioned is in compliance with: commission regulation (EU) 2016/355 of 11 march 2016 amending Annex III to regulation (EC) No. 853/2004 of the European parliament and of the council as regards the specific requirements for gelatine, collagen and highly refined products of animal origin intended for human consumption.

HYGIENE OF FOODSTUFFS

For the products/s mentioned above We herewith certify that the production complies with regulation (EC) No. 852/2004 of the European parliament on the hygiene of foodstuffs and all its amendments.

FULL TRACEABILITY

For the products/s mentioned above We herewith the full traceability as mentioned in regulation (EC) No. 178/2002 of the European parliament and of the council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European food safety authority and laying down procedures in matters of food safety.

FACTORY ACCREDITATIONS/CERTIFICATIONS

ISO 9001	Yes
ISO 14001	No
ISO 22000	Yes
HACCP	Yes
GMP	No
FAMI QS	Yes
Other accreditations/certifications	Kosher, Halal

NON ANIMAL TESTING

We certify that the product has not been tested on animals for cosmetic purposes.

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

MSDS (Material Safety Data Sheet)

1. Product and Company Identification

Product Name: Ginkgo biloba extract (24-6)

CAS Number: 90045-36-6

2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)

Please refer to the data sheet and CoA

3. Hazards Identification

Emergency Overview: No data available.

Route(s) of Entry: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion? Yes Other: Injection

Potential Health Effects (Acute and Chronic):

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

The toxicological properties of this compound have not been fully evaluated.

Signs and Symptoms Of Exposure: No data available.

4. First Aid Measures

Emergency and First Aid Procedures:

If inhaled remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel.

Get immediate medical attention.

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious

person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water. Remove contaminated clothing.

Get medical attention if symptoms occur. Wash clothing before reuse.

5. Fire Fighting Measures

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards: Emits toxic fumes under fire conditions.

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

MSDS (Material Safety Data Sheet)

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Unsuitable Extinguishing Media: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Wear a NIOSH/MSHA approved self-contained breathing apparatus and appropriate personal protection (rubber boots, safety goggles, and heavy rubber gloves).

Vacuum or sweep up material and place in disposal container.

Avoid raising dust.

After removal, ventilate contaminated area and flush thoroughly with water.

7. Handling and Storage

Hazard Label Information:

Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

Precautions To Be Taken in Handling:

Avoid breathing (dust, vapor, mist, gas).

Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure.

Do not reuse this container.

Use with adequate ventilation.

Wash thoroughly after handling.

Precautions To Be Taken in Storing:

Keep tightly closed.

Store at correct temperature.

8. Exposure Controls/Personal Protection

Protective Equipment Summary – Hazard Label Information: Eye wash station in work area Lab coat Latex disposable gloves Safety glasses Safety shower in work area Vent Hood

Respiratory Equipment (Specify Type): No data available.

Eye Protection: Safety glasses

Protective Gloves: Latex disposable gloves

Other Protective Clothing: Lab coat

Engineering Controls (Ventilation etc.):

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Work/Hygienic/Maintenance Practices:

Do not take internally.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Wash thoroughly after handling.

9. Physical and Chemical Properties

For this information, please, refer directly to the Certificate of Analysis OR Specifications

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

MSDS (Material Safety Data Sheet)

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: protect from moisture

Incompatibility - Materials To Avoid: strong oxidizing agents

Hazardous Decomposition Or Byproducts: carbon dioxide carbon monoxide

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous No data available.

Polymerization:

11. Toxicological Information

Toxicological Information: The toxicological effects of this compound have not been thoroughly studied.

Carcinogenicity/Other Information: No data available.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

Ecological Information: Runoff from fire control or dilution water may cause pollution.

13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name: No data available.

Additional Transport Information: Transport in accordance with local, state, and federal regulations.

15. Regulatory Information

US EPA SARA Title III

US EPA CAA, CWA, TSCA

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302: EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.

Sec.304: EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.

Sec.313: EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

Sec.110: EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

5A(2): Chemical Subject to Significant New Rules (SNURS)

6A: Commercial Chemical Control Rules

8A: Toxic Substances Subject To Information Rules on Production

8A CAIR: Comprehensive Assessment Information Rules - (CAIR)

8A PAIR: Preliminary Assessment Information Rules - (PAIR)

8C: Records of Allegations of Significant Adverse Reactions

8D: Health and Safety Data Reporting Rules

INSOLENT [LABS]

Ginkgo biloba extract (24-6)

MSDS (Material Safety Data Sheet)

8D TERM: Health and Safety Data Reporting Rule Terminations

Other Important Lists:

CWA NPDES: EPA Clean Water Act NPDES Permit Chemical

CAA HAP: EPA Clean Air Act Hazardous Air Pollutant

CAA ODC: EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)

CA PROP 65: California Proposition 65

16. Other Information

Company Policy or Disclaimer: This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

Product SPECIFICATION

Product Name	Phosphatidyl L-serine 20% powder
INCI Name	Lecithins
EINECS Number	232-307-2
CAS Code	8002-43-5

Lipogen SOY LECITHIN powder substances analysis (per 500mg.)

Phosphatidylserine (PS) & Lysophosphatidylserine	100mg
Other phospholipids & glycerides	395 mg
Silicom dioxide	5mg
Total	500mg

GENERAL DATA

Appearance	Yellow - Brown, fine granule
Non-GMO certification	PCR - Negative
Moisture (max)	5%
Cholesterol	0%
Irradiated goods	Non

MICROBIOLOGICAL DATA

Total Plate Count (max)	1000 cfu/1gr
Yeast (max)	100 cfu/1gr
Mould (max)	100 cfu/1gr
Fecal Streptococci	<10 per 1gr
Coliforms	<10 per 1gr
Fecal Coliforma	<0 per 1gr
E.Coli	<0 per 1gr
Staph. aureus	<0 per 1gr
Salmonella	Negative

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

GENERAL PRODUCT INFORMATION

Mesh of the product	30-50
Water solubility	Non-soluble
Origin (Synthetic, Fermentation)	Phosphatidylation
Origin (Animal, Vegetal, etc.)	Vegetable
Is the product and their ingredients FREE of GLUTEN?	Yes
Product is suitable for Vegans	Yes
Product is suitable for Vegetarians	Yes
Is this product suitable for food?	Yes
Has been sold this product in the EU before May 1997?	Yes
Pharmacopoeias that product meets	N/A
Drug indication	N/A
Melting Point	N/A
Country of the raw material/s	Various sources in Europe
Storage conditions (In the warehouse)	Air-conditioned warehouse
Storage conditions (During the transport-Short term)	Room temperature

TECHNICAL PRODUCT INFORMATION

Name of the product	Phosphatidylserine PS20P
IUPAC name	N/A
Molecular Formula	C13H24NO10P
Molecular mass	725-797.2 g/mol
Raw materials used and their function	Lecithin, L-Serine, Water, Calcium Chloride, PLD.
Frequency of analysis of each contaminant?	Every batch
Frequency of analysis of each heavy metals?	Once a year, Every batch, Once a year, Every batch
Frequency of analysis of microbiology?	Once a year, Every batch, Once a year, Every batch

INGREDIENTS

In accordance with the Directive 2003/89/EC We confirm this is the ingredients and their content in %

Phosphatidylserine (PS)	20%
Other phospholipids (PC, PE, PI, PA) & glycerides	79%
Silicon Dioxide	1%

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

BSE/TSE

The product does not contain and is not derived from Specified Risk Material as defined in Commission Directive European and it is conform to the EU legislation relating to the risk of Transmission of Spongiform Encephalopathy (TSE).

GMO

Following EU regulations have been published in the Official Journal of the European Union:

- Regulation (EC) No.1829/2003 of the European Parliament and the Council of 22nd September 2003 on genetically modified food and feed
- Regulation (EC) No.1830/2003 of the European Parliament and the Council of 22nd September 2003 concerning tractability and labeling on genetically modified organisms and tractability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC.

This product has not been genetically modified so there is no obligation of GMO labeling as defined by the above mentioned regulations.

NON IRRADIATION/NON IONIZED

According to directives 1992/2/EC and 1999/3/EC, We confirm is not made from irradiated/ionized raw materials or was irradiated/ionized the product.

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

PESTICIDES

To our actual knowledge of production process, raw materials and equipment used potential pesticide residues in the above mentioned product comply with the European legislation on pesticide residues, esp. Regulation (EC)None. 396/2005. However, we do no test for pesticide residues on a routine basis.

RESIDUAL SOLVENTS

The product meets with:

- DIRECTIVE 2009/32/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 April 2009 on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients
- DIRECTIVE 2010/59/EU of 26 August 2010 amending Directive 2009/32/EC of the European Parliament and of the Council on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients.

CONTAMINANTS

The product is in accordance and meets with the commission regulation (EC) No.629/2008 of 2 July 2008 amending regulation (EC) No.1881/2006 setting maximum levels for certain contaminants in foodstuffs.

PCBS and MELAMINE

The product is in accordance and meets with the commission regulation (EU) No.594/2012 of 5 July 2012 amending regulation (EC) No.1881/2006 as regards the maximum levels of the contaminants Ochratoxin a, non dioxin-like PCBS and melamine in foodstuffs.

ANTI-DOPING

As per the list of 2012 of the world anti-doping agency the ingredient is not a doping substance and not a combination of doping substances. The ingredient does not contain any doping substance. The ingredient does not result from a doping substance.

As per the list of 2016 of the world anti-doping agency the ingredient is not a doping substance and not a combination of doping substances. The ingredient does not contain any doping substance. The ingredient does not result from a doping substance.

NANOMATERIALS

According to the the definition of 'nanomaterials' of the UE REGULATION (EU) No 1169/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 25 October 2011 on the provision of food information to consumers , we hereby attest that no nanomaterials are used in the formulation nor in the packaging materials of our product.

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

PACKING

We confirm that the packing used is in compliance with:

- Commission Directive 2002/72/EC of 6 August 2002 relating to plastic materials and articles intended to come into contact with foodstuffs.
- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food.

ALLERGENS

In accordance with the Directive 2003/89/EC and Council amending Directive 2000/13/EC and taking Directive 2005/26/EC, Directive 2005/63/EC and Directive 2006/142/EC of 22.12.2006 into consideration. We confirm the following information:

Note: Does the raw material CONTAIN or is it DERIVED from or could it be CROSS-CONTAMINATED by any of the following.

Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Peanuts and products thereof	No
Soybeans and products thereof	Yes contains soy lecithin
Milk and products thereof (including lactose)	No
Nuts (i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut and products thereof)	No
Celery and products thereof	No
Mustard and products thereof	No
Sesame seeds and products thereof	No
Sulphur dioxide and sulphite at concentrations of more than 10 mg/kg or 10 mg/l expressed as SO ₂	No
Lupine and products thereof	No
Molluscs and products thereof	No

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

ALBA LIST (ALLERGENS)

When it is written 'No' means that there's no contamination in:

Contain in recipe, Handled on same production line or Handled at same side.

Where: 1) Contain in recipe 2) Handled on same production line 3) Handled at same side.

	Cross contamination (mg/kg)?	Where?
Cow milk protein	No	-
Lactose	No	-
Chicken egg	No	-
Soya protein	No	-
Soya oil	Yes	1
Gluten	No	-
Wheat	No	-
Rye	No	-
Cattle	No	-
Pork	No	-
Chicken	No	-
Fish	No	-
Shellfish and Crustaceae	No	-
Corn	No	-
Cocoa	No	-
Leguminous plants	No	-
Nuts	No	-
Nut oil	No	-
Peanut	No	-
Peanut oil	No	-
Sesame	No	-
Sesame oil	No	-
Glutamate	No	-
Sulphide (E220 to E228)	No	-
Coriander	No	-
Celery	No	-
Carrot	No	-
Lupines	No	-

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

ALBA LIST (ALLERGENS)

When it is written 'No' means that there's no contamination in:

Contain in recipe, Handled on same production line or Handled at same side.

Where: 1) Contain in recipe 2) Handled on same production line 3) Handled at same side.

	Cross contamination (mg/kg)?	Where?
Cow milk protein	No	-
Lactose	No	-
Chicken egg	No	-
Soya protein	No	-
Soya oil	Yes	1
Gluten	No	-
Wheat	No	-
Rye	No	-
Cattle	No	-
Pork	No	-
Chicken	No	-
Fish	No	-
Shellfish and Crustaceae	No	-
Corn	No	-
Cocoa	No	-
Leguminous plants	No	-
Nuts	No	-
Nut oil	No	-
Peanut	No	-
Peanut oil	No	-
Sesame	No	-
Sesame oil	No	-
Glutamate	No	-
Sulphide (E220 to E228)	No	-
Coriander	No	-
Celery	No	-
Carrot	No	-
Lupines	No	-

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

NUTRITIONAL INFORMATION

The values given are approximate

Nutrient Per 100 g

Energy kca l540/kj 2220

Proteins g traces*

Carbohydrates g 0

Sugar g 0

Fat** g 60

Saturated fatty acids g 13

Monounsaturated fatty acids g 8

Polyunsaturated fatty acids g 39

Omega-3 fatty acids g 4

Omega-6 fatty acids g 35

Trans fatty acids g 0

Cholesterol mg 0

Sodium g 0.03

* non-protein total nitrogen (DUMAS) = 2 g/100 g

** fatty acids calculated as triglycerides

RESIDUE LIMITS

For the products/s mentioned above We herewith certify that the ingredient mentioned is in compliance with: commission regulation (EU) 2016/355 of 11 march 2016 amending Annex III to regulation (EC) No. 853/2004 of the European parliament and of the council as regards the specific requirements for gelatine, collagen and highly refined products of animal origin intended for human consumption.

HYGIENE OF FOODSTUFFS

For the products/s mentioned above We herewith certify that the production complies with regulation (EC) No. 852/2004 of the European parliament on the hygiene of foodstuffs and all its amendments.

FULL TRACEABILITY

For the products/s mentioned above We herewith the full traceability as mentioned in regulation (EC) No. 178/2002 of the European parliament and of the council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European food safety authority and laying down procedures in matters of food safety.

FACTORY ACCREDITATIONS/CERTIFICATIONS

ISO 9001	Yes
HACCP	Yes
GMP	Yes
Other accreditations/certifications	Kosher certificate

NON ANIMAL TESTING

We certify that the product has not been tested on animals for cosmetic purposes.

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

MSDS (Material Safety Data Sheet)

Section 1 Description

Product Name: Phosphatidyl L-serine 20% powder
CAS Number: 8002-43-5

Section 2 Ingredients/Identity Information

Phosphatidyl-L-serine

Section 3 Possible Hazards

Precautionary Labelling: None required

Section 4 Emergency and First Aid Procedures

Eyes Wash thoroughly with water
Skin Wash thoroughly with soap and water
Inhalation First aid not normally required
Ingestion First aid not normally required

Section 5 Fire and Hazard Data

Special Fire Fighting procedures Water
Protective equipment Wear self-contained breathing equipment and protective suit.
Hazards None known

Section 6 Accidental Release Measures

Ensure product is picked up and disposed correctly – wash site with water
Dispose of in accordance with local regulations

Section 7 Precautions for Safe Handling and Use

Handling and Storage Avoid high temperatures, fire, sunshine, humidity, and damp conditions

Section 8 Control Methods

Avoid contact with eyes and do not breathe in large amounts
Respiratory Protection Required – respirator
Eye Protection Required – safety glasses
Gloves Not required – wash hands after contact with water

INSOLENT [LABS]

Phosphatidyl L-serine 20% powder

MSDS (Material Safety Data Sheet)

Section 9 Physical and Chemical Properties (Typical)

For this information, please, refer directly to the Certificate of Analysis OR Specifications

Section 10 Reactivity Data

Conditions to Avoid High temperatures, fire, humidity, sunshine

Substances to be Avoided Acidic/alkaline substances, other hazardous chemicals

Hazardous Decomposition Prods Acid, base

Section 11 Toxicological Information

Phosphatidyl-L-serine is non-toxic (determined by acute toxicity experiments)

Section 12 Ecological Information

No ecological problems are to be expected when the product is handled and used with care and attention

Section 13 Disposal Considerations

Must be disposed of in accordance with local regulations

Section 14 Transport Information

No data available

Section 15 Regulatory Information

No data available

Section 16 Other Information

N/A

Dossier Technique / *Technical File*

Vitamine B6 HCl Poudre / Vitamin B6 HCl Powder / Pyridoxine HCl

Code : 1306041

Ce dossier contient :

Fiche technique
Attestation Allergènes
Attestation de non ionisation
Attestation OGM
Attestation Nanomatériaux
Attestation EST-ESB
Déclaration de conformité packaging
Attestation Solvants résiduels
Schéma de fabrication
Attestation de produit non dangereux
Autres :

This folder contains :

Specification data sheet
 Allergen statement
 Non ionisation statement
 GMO statement
 Nanotechnology statement
 TSE-BSE statement
 Packaging statement
 Residual solvents statement
 Flow chart
 Not dangerous product statement
 Other :

Version : SDS v004 – Edition 1¹

2017-09-28

¹ La version citée ci-dessus remplace et annule les versions précédentes
The version mentioned above replace and cancel the previous versions.

INSOLENT [LABS]

Vitamine B6 HCl Poudre / Vitamin B6 HCl Powder / Pyridoxidine HCl Code : 1306041

SPECIFICATION DATA SHEET – FICHE TECHNIQUE

Manufacturing	
Product name	Vitamin B6 HCl
Chemical name	Pyridoxine Hydrochloride
CAS N°	58-56-0
EINECS N°	200-386-2
Molecular formula	C ₈ H ₁₁ NO ₃ · HCl
Molecular mass	<i>Indicative value - Refers to certificate of analysis</i>
Additives / Carrier	<i>Refers to certificate of analysis</i>
Compliance	<i>Refers to certificate of analysis</i>
Properties	Specifications
Organoleptic	
Appearance	White or almost white crystalline powder
Physical and Chemical - Depends of the standard	
Loss on drying	≤ 0.5%
Sulphated ash	≤ 0.1%
Others analysis	<i>Refers to certificate of analysis</i>
Assay	
Vitamin B6 HCl content (on dry basis)	99.0% - 101.0%
Microbiological *	
Species	<i>Refers to certificate of analysis</i>
Contaminants*	
Heavy metals	≤ 20ppm
Other analysis	<i>Refers to certificate of analysis</i>
Shelf Life	4 years if properly stored
Allergens	Certified in compliance with Regulation 1169/2011/EC
Ionisation	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

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

ND: not determined

NA: not applicable

INSOLENT [LABS]

Vitamine B6 HCl Poudre / Vitamin B6 HCl Powder / Pyridoxidine HCl Code : 1306041

ATTESTATION ALLERGENES / ALLERGENS STATEMENT

Au regard du Règlement (UE) 1169/2011 ainsi que ses modifications, on certifie que:

Absence d'allergènes Présence d'allergènes (préciser ci-dessous)

SOURCE D'ALLERGENES	Présence dans la préparation	
Céréales contenant du gluten et produits à base de ces céréales	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Crustacés et produits à base de crustacés	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Oeufs et produits à base d'œufs	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Poissons et produits à base de poissons	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Arachides et produits à base d'arachides	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Soja et produits à base de soja	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Lait et produits à base de lait (y compris le lactose)	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Fruits à coque et produits à base de ces fruits	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Moutarde et produits à base de moutarde	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Céleri et produits à base de céleri	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Graines de sésame et produits à base de graines de sésame	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Lupin et produits à base de lupin	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Mollusques et produits à base de mollusques	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON
Anhydride sulfureux et sulfites en concentration de plus de 10 mg / litre exprimées en SO ₂	<input type="checkbox"/> OUI	<input checked="" type="checkbox"/> NON

In accordance with Regulation (EU) 1169/2011 and its modifications, we certify that:

Without allergens Allergens (specify below)

ALLERGEN SOURCE	Presence in the preparation	
Cereals containing gluten or derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Crustaceans and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Eggs and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Fishes and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Peanuts and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Soybeans and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Milk and derived products (including lactose)	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Tree nuts and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Mustard and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Celery and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Sesame seeds and derived products	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Lupins and products with lupin	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Mollusks and products with mollusks	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
The Sulphur Dioxide and Sulphites (E220 to E228) are lower than 10 mg/kg	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

INSOLENT [LABS]

Vitamine B6 HCl Poudre / Vitamin B6 HCl Powder / Pyridoxidine HCl Code : 1306041

ATTESTATION DE NON IRRADIATION / NON IONIZED STATEMENT

Le produit et les matières qui le composent n'ont pas été soumis à des rayonnements ionisants conformément aux Directives 1999/2/CE et 1999/3/CE.

According to Directives 1999/2/EC and 1999/3/EC, we confirm that the product and the ingredients used in it have not been subjected to ionizing radiation.

ATTESTATION OGM / GMO STATEMENT

Conformément aux Règlements 2001/18/CE, 1829/2003/CE et 1830/2003/CE, nous déclarons que le produit ci-dessus n'est pas génétiquement modifié puisqu'il :

- Ne provient pas de substances génétiquement modifiées
- Ne contient pas de supports ou d'additifs génétiquement modifiés.

According to Regulations 2001/18/EC, 1829/2003/EC and 1830/2003/EC and its modifications, we declare that the product above is not genetically modified as it:

- *Does not come from genetically modified raw material*
- *Does not contain any carrier or additive coming from genetically modified organisms.*

ATTESTATION NANOMATERIAUX / NANOMATERIALS STATEMENT

Nous certifions que ce produit est conforme au Règlement n°1169/2011 du Parlement européen et du conseil du 25 octobre 2011 sur la fourniture d'information sur les aliments pour les consommateurs.

We certify that this product is in compliance with Regulation n°1169/2011 of the European parliament and the council of October the 25th 2011, on the provision of food information to consumers.

ATTESTATION EST-ESB / TSE-BSE STATEMENT

Nous certifions que notre produit est conforme à la réglementation européenne relative au risque d'Encéphalopathie Spongiforme Transmissible (EST).

We certify that this product is conform to the European legislation relative to the risk of Transmissible Spongiform Encephalopathy (TSE).

ATTESTATION CONFORMITE EMBALLAGES / PACKAGING STATEMENT

Nous certifions par la présente, que le conditionnement de ce produit satisfait aux législations suivantes :

- Règlement n°10/2011/CE de la Commission du 14 janvier 2011 concernant les matériaux et objets en matière plastique destinés à entrer en contact avec les denrées alimentaires
- Règlement n° 1935/2004/CE du Parlement européen et du conseil du 27 octobre 2004 concernant les matériaux et objets destinés à entrer en contact avec des denrées alimentaires et abrogeant les Directives 80/590/CEE et 89/109/CEE

Hereby, we certify that the packaging used complies with:

- *Commission Regulation n°10/2011/EC dated January the 14th 2011, on plastic materials and articles intended to come into contact with food and its modifications*

INSOLENT [LABS]

Vitamine B6 HCl Poudre / Vitamin B6 HCl Powder / Pyridoxidine HCl Code : 1306041

- *Regulation n°1935/2004/EC of the European Parliament and of the Council dated October the 27th 2004, on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC*

ATTESTATION SOLVANTS RESIDUELS / RESIDUAL SOLVENTS STATEMENT

Ce produit est en conformité avec les directives suivantes :

- Directive 2009/32/CE du Parlement européen et du Conseil du 23 avril 2009 relative au rapprochement des législations des États membres concernant les solvants d'extraction utilisés dans la fabrication des denrées alimentaires et de leurs ingrédients
- Directive 2010/59/UE de la Commission du 26 août 2010 modifiant la Directive 2009/32/CE du Parlement européen et du Conseil relative au rapprochement des législations des États membres concernant les solvants d'extraction utilisés dans la fabrication des denrées alimentaires et de leurs ingrédients.

This product meets with:

- *Directive 2009/32/EC of the European parliament and of the council dated April the 23rd, 2009 on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients*
- *Directive 2010/59/EU dated August the 26th, 2010 amending Directive 2009/32/EC of the European Parliament and of the Council on the approximation of the laws of the Member States on extraction solvents used in the production of foodstuffs and food ingredients.*

INSOLENT [LABS]

Vitamine B6 HCl Poudre / Vitamin B6 HCl Powder / Pyridoxidine HCl
Code : 1306041

SCHEMA DE FABRICATION - FLOW CHART

4-Methyl-5-ethoxyoxazole & n-Propyl dioxepin



Addition reaction



Aromatization



Hydrolysis



Refining



Finished product

INSOLENT [LABS]

VITAMINE B1 HCL

Fiche de données de sécurité

conforme au Règlement (CE) N° 1907/2006 (REACH) tel que modifié par le Règlement (UE) 2015/830
Date d'émission: 25/05/2020 Version: 21.0

RUBRIQUE 1: Identification de la substance/du mélange et de la société/l'entreprise

1.1. Identificateur de produit

Forme du produit	: Substance
Nom de la substance	: VITAMINE B1 HCL
Nom chimique	: thiamine hydrochloride
Nom IUPAC	: 3-[(4-amino-2-méthylpyrimidin-5-yl)méthyl]-5-(2-hydroxyéthyl)-4-méthyl-1,3-thiazol-3-ium hydrochloride chloride
N° CE	: 200-641-8
N° CAS	: 67-03-8
Code du produit	: VIT B1/HCL
Formule brute	: C12H18Cl2N4OS
Groupe de produits	: Matière première

1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

1.2.1. Utilisations identifiées pertinentes

Catégorie d'usage principal	: Utilisation industrielle
Utilisation de la substance/mélange	: Alimentaire

1.2.2. Utilisations déconseillées

Pas d'informations complémentaires disponibles

1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

1.4. Numéro d'appel d'urgence

Numéro d'urgence : INRS/ORFILA (France) : 33 1 45 42 59 59

RUBRIQUE 2: Identification des dangers

2.1. Classification de la substance ou du mélange

Classification selon le règlement (CE) N° 1272/2008 [CLP]

Lésions oculaires graves/irritation oculaire, catégorie 2 H319
Texte intégral des mentions H : voir rubrique 16

Effets néfastes physicochimiques, pour la santé humaine et pour l'environnement

Provoque une sévère irritation des yeux.

2.2. Éléments d'étiquetage

Étiquetage selon le règlement (CE) N° 1272/2008 [CLP]

Pictogrammes de danger (CLP) :



GHS07

Mention d'avertissement (CLP) : Attention
Mentions de danger (CLP) : H319 - Provoque une sévère irritation des yeux.

INSOLENT [LABS]

VITAMINE B1 HCL

Fiche de données de sécurité

conforme au Règlement (CE) N° 1907/2006 (REACH) tel que modifié par le Règlement (UE) 2015/830

Conseils de prudence (CLP) : P280 - Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/du visage/une protection auditive.
P337+P313 - Si l'irritation oculaire persiste: consulter un médecin.

2.3. Autres dangers

Pas d'informations complémentaires disponibles

RUBRIQUE 3: Composition/informations sur les composants

3.1. Substances

Nom : VITAMINE B1 HCL
N° CAS : 67-03-8
N° CE : 200-641-8

Nom	Identificateur de produit	%	Classification selon le règlement (CE) N° 1272/2008 [CLP]
Thiamine hydrochloride	(N° CAS) 67-03-8 (N° CE) 200-641-8	100	Eye Irrit. 2, H319

Textes des phrases H: voir rubrique 16.

3.2. Mélanges

Non applicable

RUBRIQUE 4: Premiers secours

4.1. Description des premiers secours

Premiers soins après inhalation : Transporter la personne à l'extérieur et la maintenir dans une position où elle peut confortablement respirer.
Premiers soins après contact avec la peau : Laver la peau avec beaucoup d'eau.
Premiers soins après contact oculaire : Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. Si l'irritation oculaire persiste: consulter un médecin.
Premiers soins après ingestion : Appeler un centre antipoison ou un médecin en cas de malaise.

4.2. Principaux symptômes et effets, aigus et différés

Symptômes/effets après contact oculaire : Irritation des yeux.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

Traitement symptomatique.

RUBRIQUE 5: Mesures de lutte contre l'incendie

5.1. Moyens d'extinction

Moyens d'extinction appropriés : Eau pulvérisée. Poudre sèche. Mousse.

5.2. Dangers particuliers résultant de la substance ou du mélange

Produits de décomposition dangereux en cas d'incendie : Dégagement possible de fumées toxiques.

5.3. Conseils aux pompiers

Protection en cas d'incendie : Ne pas intervenir sans un équipement de protection adapté. Appareil de protection respiratoire autonome isolant. Protection complète du corps.

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RUBRIQUE 6: Mesures à prendre en cas de dispersion accidentelle

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

6.1.1. Pour les non-secouristes

Procédures d'urgence : Ventiler la zone de déversement. Eviter le contact avec la peau et les yeux.

6.1.2. Pour les secouristes

Équipement de protection : Ne pas intervenir sans un équipement de protection adapté. Pour plus d'informations, se reporter à la rubrique 8 : "Contrôle de l'exposition-protection individuelle".

6.2. Précautions pour la protection de l'environnement

Éviter le rejet dans l'environnement.

6.3. Méthodes et matériel de confinement et de nettoyage

Procédés de nettoyage : Ramasser mécaniquement le produit.

Autres informations : Eliminer les matières ou résidus solides dans un centre autorisé.

6.4. Référence à d'autres rubriques

Pour plus d'informations, se reporter à la rubrique 13.

RUBRIQUE 7: Manipulation et stockage

7.1. Précautions à prendre pour une manipulation sans danger

Précautions à prendre pour une manipulation sans danger : Assurer une bonne ventilation du poste de travail. Eviter le contact avec la peau et les yeux. Porter un équipement de protection individuel.

Mesures d'hygiène : Ne pas manger, boire ou fumer en manipulant ce produit. Se laver les mains après toute manipulation.

7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Conditions de stockage : Stocker dans un endroit bien ventilé. Tenir au frais.

7.3. Utilisation(s) finale(s) particulière(s)

Pas d'informations complémentaires disponibles

RUBRIQUE 8: Contrôles de l'exposition/protection individuelle

8.1. Paramètres de contrôle

Pas d'informations complémentaires disponibles

8.2. Contrôles de l'exposition

Contrôles techniques appropriés:

Assurer une bonne ventilation du poste de travail.

Protection des mains:

Gants de protection

Protection oculaire:

Lunettes bien ajustables

Protection de la peau et du corps:

Porter un vêtement de protection approprié

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Protection des voies respiratoires:

En cas de ventilation insuffisante, porter un appareil respiratoire approprié

Symbole(s) de l'équipement de protection individuelle:



Contrôle de l'exposition de l'environnement:

Éviter le rejet dans l'environnement.

RUBRIQUE 9: Propriétés physiques et chimiques

9.1. Informations sur les propriétés physiques et chimiques essentielles

État physique	: Solide
Masse moléculaire	: 337,27 g/mol
Couleur	: Aucune donnée disponible
Odeur	: Aucune donnée disponible
Seuil olfactif	: Aucune donnée disponible
pH	: 2,7 – 3,3
Vitesse d'évaporation relative (acétate de butyle=1)	: Aucune donnée disponible
Point de fusion	: 248 °C
Point de congélation	: Non applicable
Point d'ébullition	: Aucune donnée disponible
Point d'éclair	: Non applicable
Température d'auto-inflammation	: Non applicable
Température de décomposition	: Aucune donnée disponible
Inflammabilité (solide, gaz)	: Ininflammable.
Pression de vapeur	: Aucune donnée disponible
Densité relative de vapeur à 20 °C	: Aucune donnée disponible
Densité relative	: Aucune donnée disponible
Solubilité	: Aucune donnée disponible
Coefficient de partage n-octanol/eau (Log Pow)	: Aucune donnée disponible
Viscosité, cinématique	: Aucune donnée disponible
Viscosité, dynamique	: Aucune donnée disponible
Propriétés explosives	: Aucune donnée disponible
Propriétés comburantes	: Aucune donnée disponible
Limites d'explosivité	: Non applicable

9.2. Autres informations

Pas d'informations complémentaires disponibles

RUBRIQUE 10: Stabilité et réactivité

10.1. Réactivité

Le produit n'est pas réactif dans les conditions normales d'utilisation, de stockage et de transport.

10.2. Stabilité chimique

Stable dans les conditions normales.

10.3. Possibilité de réactions dangereuses

Pas de réaction dangereuse connue dans les conditions normales d'emploi.

10.4. Conditions à éviter

Aucune dans des conditions de stockage et de manipulation recommandées (voir rubrique 7).

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10.5. Matières incompatibles

Pas d'informations complémentaires disponibles

10.6. Produits de décomposition dangereux

Aucun produit de décomposition dangereux ne devrait être généré dans les conditions normales de stockage et d'emploi.

RUBRIQUE 11: Informations toxicologiques

11.1. Informations sur les effets toxicologiques

Toxicité aiguë (orale)	: Non classé
Toxicité aiguë (cutanée)	: Non classé
Toxicité aiguë (Inhalation)	: Non classé
Corrosion cutanée/irritation cutanée	: Non classé pH: 2,7 – 3,3
Lésions oculaires graves/irritation oculaire	: Provoque une sévère irritation des yeux. pH: 2,7 – 3,3
Sensibilisation respiratoire ou cutanée	: Non classé
Mutagénicité sur les cellules germinales	: Non classé
Cancérogénicité	: Non classé
Toxicité pour la reproduction	: Non classé
Toxicité spécifique pour certains organes cibles (exposition unique)	: Non classé
Toxicité spécifique pour certains organes cibles (exposition répétée)	: Non classé
Danger par aspiration	: Non classé

RUBRIQUE 12: Informations écologiques

12.1. Toxicité

Ecologie - général	: Ce produit n'est pas considéré comme toxique pour les organismes aquatiques et ne provoque pas d'effets néfastes à long terme dans l'environnement.
Dangers pour le milieu aquatique, à court terme (aiguë)	: Non classé
Dangers pour le milieu aquatique, à long terme (chronique)	: Non classé
Non rapidement dégradable	

12.2. Persistance et dégradabilité

Pas d'informations complémentaires disponibles

12.3. Potentiel de bioaccumulation

Pas d'informations complémentaires disponibles

12.4. Mobilité dans le sol

Pas d'informations complémentaires disponibles

12.5. Résultats des évaluations PBT et vPvB

Pas d'informations complémentaires disponibles

12.6. Autres effets néfastes

Pas d'informations complémentaires disponibles

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RUBRIQUE 13: Considérations relatives à l'élimination

13.1. Méthodes de traitement des déchets

Méthodes de traitement des déchets : Eliminer le contenu/récipient conformément aux consignes de tri du collecteur agréé.

RUBRIQUE 14: Informations relatives au transport

Conformément aux exigences de ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. Numéro ONU				
Non applicable	Non applicable	Non applicable	Non applicable	Non applicable
14.2. Désignation officielle de transport de l'ONU				
Non applicable	Non applicable	Non applicable	Non applicable	Non applicable
14.3. Classe(s) de danger pour le transport				
Non applicable	Non applicable	Non applicable	Non applicable	Non applicable
14.4. Groupe d'emballage				
Non applicable	Non applicable	Non applicable	Non applicable	Non applicable
14.5. Dangers pour l'environnement				
Non applicable	Non applicable	Non applicable	Non applicable	Non applicable
Pas d'informations supplémentaires disponibles				

14.6. Précautions particulières à prendre par l'utilisateur

Transport par voie terrestre

Non applicable

Transport maritime

Non applicable

Transport aérien

Non applicable

Transport par voie fluviale

Non applicable

Transport ferroviaire

Non applicable

14.7. Transport en vrac conformément à l'annexe II de la convention Marpol et au recueil IBC

Non applicable

RUBRIQUE 15: Informations relatives à la réglementation

15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

15.1.1. Réglementations UE

Pas de restrictions selon l'annexe XVII de REACH

VITAMINE B1 HCL n'est pas sur la liste Candidate REACH

VITAMINE B1 HCL n'est pas listé à l'Annexe XIV de REACH

VITAMINE B1 HCL n'est pas soumis au règlement (UE) n° 649/2012 du Parlement européen et du Conseil du 4 juillet 2012 concernant les exportations et importations de produits chimiques dangereux

VITAMINE B1 HCL n'est pas soumis au règlement (UE) n° 2019/1021 du Parlement européen et du Conseil du 20 juin 2019 concernant les polluants organiques persistants

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15.1.2. Directives nationales

Allemagne

- Restrictions professionnelles : Respecter les limitations conformément à la Loi sur la protection des mères actives (MuSchG)
Respecter les limitations conformément à la Loi sur la protection des jeunes au travail (JArbSchG)
- Classe de danger pour l'eau (WGK) : WGK 1, Présente un faible danger pour l'eau (Classification selon la AwSV; N° ID 3924)
- Arrêté concernant les incidents majeurs (12. BImSchV) : Non soumis à/au Arrêté concernant les incidents majeurs (12. BImSchV)

Pays-Bas

- SZW-lijst van kankerverwekkende stoffen : La substance n'est pas listée
- SZW-lijst van mutagene stoffen : La substance n'est pas listée
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : La substance n'est pas listée
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : La substance n'est pas listée
- NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : La substance n'est pas listée

15.2. Évaluation de la sécurité chimique

Aucune évaluation chimique de sécurité n'a été effectuée

RUBRIQUE 16: Autres informations

Abréviations et acronymes:	
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
ETA	Estimation de la toxicité aiguë
VLB	Valeur limite biologique
N° CAS	Numéro d'enregistrement auprès du Chemical Abstracts Service
CLP	Règlement relatif à la classification, à l'étiquetage et à l'emballage; règlement (CE) n° 1272/2008
DMEL	Dose dérivée avec effet minimum
DNEL	Dose dérivée sans effet
EC50	Concentration médiane effective
N° CE	Numéro de la Communauté européenne
EN	Norme européenne
IATA	Association internationale du transport aérien
IMDG	Code maritime international des marchandises dangereuses
CL50	Concentration létale pour 50 % de la population testée (concentration létale médiane)
LD50	Dose létale médiane pour 50 % de la population testée (dose létale médiane)
LOAEL	Dose minimale avec effet nocif observé
NOAEC	Concentration sans effet nocif observé
NOAEL	Dose sans effet nocif observé
NOEC	Concentration sans effet observé
VLE	Limite d'exposition professionnelle
PBT	Persistant, bioaccumulable et toxique
PNEC	Concentration(s) prédite(s) sans effet

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REACH	Enregistrement, évaluation, autorisation et restriction des substances chimiques. Règlement (EU) REACH No 1907/2006
RID	Règlement International concernant le transport de marchandises dangereuses par chemin de fer
FDS	Fiche de données de sécurité
vPvB	Très persistant et très bioaccumulable
WGK	Classe de pollution des eaux

Texte intégral des phrases H et EUH:	
Eye Irrit. 2	Lésions oculaires graves/irritation oculaire, catégorie 2
H319	Provoque une sévère irritation des yeux.

FDS UE (Annexe II REACH)

Ces informations sont basées sur nos connaissances actuelles et décrivent le produit pour les seuls besoins de la santé, de la sécurité et de l'environnement. Elles ne devraient donc pas être interprétées comme garantissant une quelconque propriété spécifique du produit.

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Vitamin B9 - Synthetic origin BP-USP	
Product Code :	1407319
Specification Data Sheet	
Version	Date
003	Corrected on 2017-12-15
Manufacturing	
Product name	Vitamin B9
Chemical name	Folic acid
Synonyms	Vitamin B9, Pteroyl Glutamic Acid, N-[4-[[2-amino-1,4-dihydro-4-oxo-6-pteridiny]amino]benzoyl]-. Folic Acid (PteroylMonoglutamic Acid)
Molecular formula	C19H19N7O6
Molecular weight	441.4
Cas n°	59-30-3
Einecs n°	200-419-0
Origin	Synthetic
Compliance	BP and/or USP
Properties	Specifications
Organoleptic	
Appearance	Yellow to orange powder
Physical and Chemical	<i>Please refer to the certificate of analysis</i>
Contaminants	<i>Please refer to the certificate of analysis</i>
Assay	
Content	95.0% ~ 102.0%, may slightly vary according to the compliance standard, please refer to the certificate of analysis
Shelf life	<i>Please refer to the certificate of analysis</i>
Allergens	Certified in compliance with Regulation 1169/2011/EC
Ionisation	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

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

Abbreviations: ND: not determined / NA: not applicable

azinvit®

VITAMIN B12, METHYLCOBALAMIN

Product information:

Product name	Vitamin B12, Methylcobalamin
Formula	$C_{63}H_{91}CoN_{13}O_{14}P$
Cas Number	13422-55-4
Reference	JP

Test parameter:

Description
Clarity and colour of solution
Identification

Specification:

Dark red crystals or crystalline powder
Clear solution, red colour

Assay (anhydrous basis)

(1) UV: Compare the spectrum with the reference spectrum, both spectra exhibit similar intensities of absorption at the same wavelengths

(2) Cobalt: meets JP requirement

98,5% – 101%

Related substances

Each area of the peaks other than methylcobalamin is not more than 0,5% of the peak area of methylcobalamin
The total area of the peaks other than methylcobalamin is not more than 2,0%

Water

Max. 11,5%

Residual solvents

Acetone

Max. 5 000 ppm

Microbiological analysis:

Total aerobic plate count

Max. 1 000 CFU/g

Yeast & mould

Max. 100 CFU/g

Additional information:

Shelf life

3 years

Storage

Store in its original unopened packaging, in a dry and cool, well-ventilated place

Packaging

0,5 kg/tin

Application

Nutritional use