



Laboratory reference 20/1-200546
 Customer reference 87747

Type of sample HARPAGOPHYTUM RAC POU BIO Weight 72g

Status Grind Temperature at reception Room
 Date of reception 19/11/2020 15:33:39 Expiration date 19/12/2020
 Packaging Customer Transport EXAPAQ - DPD
 Quotation reference DLY200381 Regional agency Phytocontrol Lyon_sud
 Ordered analysis
 Heavy metals Plomb + Cadmium + Mercure

Sample at reception



	Result	Unit	LOQ	Limit	End of analysis
Heavy metals					
Lead*	0,27 ± 0,04	mg/kg	0,04	3	(1) 23/11/2020
Cadmium*	0,77 ± 0,09	mg/kg	0,01	1	(1) 23/11/2020
Mercury*	< 0,005	mg/kg	0,005		23/11/2020

Detail of the analyzed parameters and the methods used in following page(s)

Legend

ND = Not Detected D = Detected LOQ = Limit of Quantification NA = Not Analysed NQ = Not Quantifiable NI = Not Interpretable

Used methods mentioned in following page(s) :

MOC3/85(S1) version 14 : Determination of heavy metals elements (metallic and non-metallic) in all product of animal and vegetable origin including babyfood by ICP-MS: internal method.

(S1) : analyse carried out by Phytocontrol laboratoire d'analyses - 180 rue Philippe Maupas - Parc Georges Besse - 30035 NIMES

Comments

The analytical results are only valid within the perimeter of application of the used method.

Regulation (EU) N°889/2008 and its successive amendments, lists the authorized substances in organic farming in Appendix II. Only an organic certifying organization is in position to assess the product conformity.

The limit values are based on the regulations and / or guidelines and / or recommendations listed below :

Heavy metals

• Food:

Regulation (EC) No 1881/2006 and subsequent amendments setting maximum levels for certain contaminants in foodstuffs.

Copper and Mercury (depending on matrix) : Regulation (EC) No 396/2005 and subsequent amendments on maximum residue levels of pesticides in or on food and feed of plant and animal origin.

• For wine: OIV - Maximum acceptable limits of various elements in wine (2015 edition).

• Animal Feed: Directive 2002/32 and subsequent amendments on undesirable substances in animal feed. The maximum levels apply to feedingstuffs with a moisture content of 12%.

• Food additives: Regulation (EU) n°231/2012 and subsequent amendments laying down specifications for food additives listed in Annexes II and III to Regulation (EC) N°1333/2008 of the European Parliament and of the council.

According to the laboratory recommendations defined in the general conditions of sale, the quantity or number of sample units received is not sufficient. The analyses are continued without affecting the validity of the results, however the representativeness of the sampling may not follow the requirements defined in the regulations in force.

(1) Limits provided by the customer.

Signature

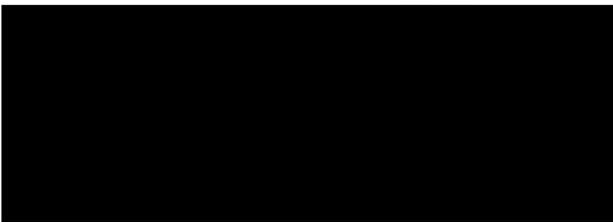
The updating of regulatory information as regard to the European regulation or any other published standard is ensured by our Regulatory Monitoring department.

Report validated by :

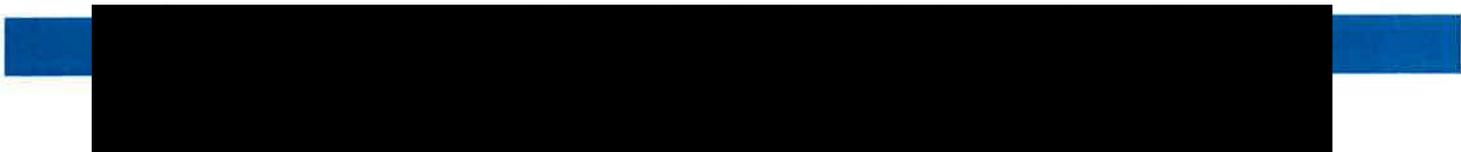
Doriane BAUDOUIN
Analytical Validation



-
- This certificate was electronically produced and validated. The name and the function of the persons in charge on it document were produced on a protected procedure and personalised. This certificate is authentic. A paper version signed of this document can be obtained on simple demand.
 - The results of analysis concern only objects subjected to the analysis.
 - In absence of accurate and of opposite indication, the Limit of Detection is equal to half of the Limit of Quantification (excluding subcontracted parameters).
 - The reproduction of this report is authorized only in its complete form except when authorised by the laboratory.
 - Only certain performances reported in this document are covered by the accreditation. They are identified by the symbol Δ .
 - Uncertainty can be communicated on request. When it is displayed on the report, it is enlarged by a factor $k = 2$.
 - Comments are not covered by the accreditation (unless otherwise stated).
 - PHYTOCONTROL is accredited by the FAVV-AFSCA and is approved by INAO, BNN and by QS, and certified ISO 14001 by Afnor.



Unit : mg/kg	Result	LOQ	method
Lead*	0,27	0,04	MOC3/85
Cadmium*	0,77	0,01	MOC3/85
Mercury*	< 0,005	0,005	MOC3/85



SAMPLE N°: 20156500

REPORT OF ANALYSIS N°4954924

Edition date : 24/11/2020

Registration date : 19/11/2020

Beginning of analysis : 19/11/2020

End of analysis : 24/11/2020

Purchase order : 18/11/20

Temperature of transport (°C): ambiante

Temperature of product at registration (°C): /

Customer id. : 3783

Product description : HARPAGOPHYTUM RAC POU BIO

Code Sanitaire: /

Date of manufacture: /

Bar code : /

Expiry date : /

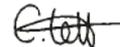
Batch N°: 87747

Packaging : /

Comments: /

DETERMINATION	METHOD	RESULT	LMR	UNIT
Escherichia coli (Detection in 1g)*	NF EN ISO 16649-3	not detected	not detected	
Enterobacteriaceae (Num.)*	NF V 08-054	< 1 000	10 000	/g
Aerobic plate count at 30°C (Num.)*	NF EN ISO 4833-1	< 40 000	100 000	/g
Yeasts (Num.)*	NF V08-036	< 1 000	10 000	/g
Moulds (Num.)*	NF V08-036	< 1 000	10 000	/g
Salmonella (Detection in 25g)*	BRD 07/11-12/05	not detected	not detected	

(e: estimated number) (ST: subcontracting)

CONCLUSION : Sample in compliance with your internal limits.


Caroline LETT
Chargée de validation

Only analysis identified by * symbol on this report are covered by the accreditation.

Information provided by the laboratory: Sample N°, Analysis Report N°, Edition date, Date of receipt, Starting date for analysis, Beginning of analysis, End of analysis, Registration date, Purchase order, Reference application, Customer id, Site, Sampling place, Date, Product temperature, Cabinet temperature, Temperature of transport (°C), Temperature of product at registration (°C), Comment, Remarks, Conclusion
The results relate only to the sample subjected to analysis.

The declaration of conformity to the criteria does not take account of the uncertainty.

N°Echantillon : 20156500
RAPPORT D'ANALYSE N°4954924

Emis le: 24/11/2020
Date d'enregistrement : 19/11/2020
Date début d'analyse: 19/11/2020
Date fin d'analyse: 24/11/2020
Référence demande: 18/11/20

Code Article : /
Température de l'enceinte de transport (°C): ambiante
Température du produit à réception (°C): /
Code Client: 3783

Nature du produit : **HARPAGOPHYTUM RAC POU BIO**

Code Sanitaire: /
Code Barre: /
N° de Lot: 87747
Marque: /
Code emballer: /
Observations: /

Date de fabrication: /
Date de péremption: /
Conditionnement: /
Fournisseur: /

DETERMINATION	METHODE	RESULTAT	CRITERE	Unité
Escherichia coli β gluc. +(Rech. dans 1g)*	NF EN ISO 16649-3	non détecté	non détecté	
Enterobactéries présumées à 30°C(Dén.)*	NF V 08-054	< 1 000	10 000	/g
Microorganismes à 30°C (Dén.)*	NF EN ISO 4833-1	< 40 000	100 000	/g
Levures (Dén. après 5j)*	NF V08-036	< 1 000	10 000	/g
Moisissures (Dén. après 5j)*	NF V08-036	< 1 000	10 000	/g
Salmonella (Recherche dans 25g)*	BRD 07/11-12/05	non détecté	non détecté	

(e: nombre estimé) (ST: paramètre sous-traité)

REMARQUES • :

/

CONCLUSION • : Echantillon satisfaisant selon le cahier des charges du client.

Caroline LETT
Chargée de validation

Informations fournies par le laboratoire : N°Echantillon, N°Rapport, Date émission rapport, Date début d'analyse, Date fin d'analyse, Date d'enregistrement, Quantité reçue, Site prélèvement, Lieu de prélèvement, Code Client, Observations, date, heure, Prélève par, T° de l'enceinte de transport(°C), T°réception(°C), T° du produit(°C), T°affichée meuble(°C), T°réelle meuble(°C), T° de stockage(°C), remarques, conclusion

Seules certaines prestations rapportées dans ce document sont couvertes par l'accréditation. Elles sont identifiées par le symbole *

Ce rapport ne concerne que l'échantillon soumis à l'analyse.

(*) La déclaration de conformité aux critères ne tient pas compte de l'incertitude associée au résultat.

Analyses réalisées au laboratoire situé 280, Rue Geiler de Kaysersberg 67400 ILLKIRCH.

SAMPLE N°20156501**ANALYSIS REPORT N°4954893**

Edition date: 24/11/2020
Beginning of analysis: 23/11/2020
End of analysis: 24/11/2020

Sampling site: PRINCIPAL-3783
Customer id.: 3783
Registration date: 19/11/2020
Purchase order: 18/11/20

Product description: HARPAGOPHYTUM RAC POU BIO

Reference code: /
Bar code: /
Batch N°: 87747
Date of manufacture: /
Quantity received: 78G
Comments: /

Expiry date: /
Packaging: /
Supplier: /
Manufacturer: /
Brand: /

DETERMINATION	DETAIL	METHOD	RESULT	LMR	UNIT
Ash	/	MLAR A1023(calcaie)	9,9	/	g/100g

OBSERVATIONS : /

CONCLUSION : /



Laura MESSMER
Technicienne de validation

Information provided by the laboratory: Sample N°, Analysis Report N°, Edition date, Date of receipt, Starting date for analysis, Beginning of analysis, End of analysis, Registration date, Purchase order,

Reference application, Customer id, Site, Sampling place, Date, Product temperature, Cabinet temperature, Temperature of transport(°C), Temperature of product at registration(°C), Comment, Remarks, Conclusion

(ST: subcontracting) ("<" résultat = LQ (limite de quantification))

The results relate only to the sample subjected to analysis.

The declaration of conformity with the criteria does not take into account the uncertainty associated with the result

In accordance with European accreditation requirements and those of COFRAC LAB REF 02, no modification of information relating to the sample cannot be added to the analysis report after transmission of the results

ECHANTILLON N°20156501

RAPPORT D'ANALYSE N°4954893

Emis le: 24/11/2020
Date début d'analyse: 23/11/2020
Date fin d'analyse: 24/11/2020

Nature du produit : **HARPAGOPHYTUM RAC POU BIO**

Code Sanitaire: /
Code Barre: /
N° de Lot: 87747
N° de Lot conditionnement: /
Date de fabrication: /
Quantité reçue: 78G
Observations: /

Code article: /

Site prélèvement: PRINCIPAL-3783
Code Client: 3783

Date enregistrement: 19/11/2020
Réf demande: 18/11/20

Date de péremption: /
Conditionnement: /
Fournisseur: /
Fabricant: /
Marque: /
Réf externe: 2

DETERMINATION	CHAMP	METHODE	RESULTAT	Incertitude absolue (+/-) (K=2)	CRITERE	UNITE
Cendres	/	MLAR A1023(calcination)	9,9	0,79	/	g/100g

REMARQUES : /

CONCLUSION : /


Laura MESSMER
Technicienne de validation

Informations fournies par le laboratoire : N°Echantillon, N°Rapport, Date émission rapport, Date début d'analyse, Date fin d'analyse, Date d'enregistrement, Quantité reçue, Site prélèvement, Lieu de prélèvement, Code Client, Observations, date, heure, Prélèvement par, T° de l'enceinte de transport (°C), T° réception (°C), T° du produit (°C), T° affichage meuble (°C), T° réelle meuble (°C), T° de stockage (°C), remarques, conclusion

(ST: paramètre sous-traité) (s.m.s : sur matière sèche) ("<" dans la colonne résultat = LQ (limite de quantification))

Ce rapport ne concerne que l'échantillon soumis à l'analyse.
La déclaration de conformité aux critères ne tient pas compte de l'incertitude associée au résultat

En application des exigences européennes d'accréditation et de celles du LAB REF 02 du COFRAC, aucune modification d'information relative à l'échantillon ne pourra être apportée sur le rapport d'analyse après transmission des résultats