

ANALYSIS REPORT No. 2311150708

DATE: 15.11.2023

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Client:



22311150708
PA383775

Granja Alfonso Roth S.A.S.
Dr. Juan J. de Amezaga 2012
Montevideo
Uruguay

E-Mail: m.sansberro@gar.uy
Your order no.

Our reference no. : PI2311060210
Product : Propolis
Sample description / Batch : LOT 2193 - Processed Propolis
Sample received on / transported by : 02.11.2023 via Parcel service
Sample temp. when received / stored : RT
Packaging / Quantity : Glass container / 2 x ca. 50g
Seal No. [Verified - MGAP - UY]
Sampling : MGAP/UY
Start / End of analysis : 13.11.2023 / 15.11.2023

ANALYSIS REQUESTED: Phytochemicals by HPLC-UV (108248)

Parameter	Result	Unit	Method
Apigenin	0.15	%	PM DE01.242:2014-04 (a) ¹
Artepillin C	n.d.	%	PM DE01.242:2014-04 (a) ¹
Caftaric acid	n.d.	%	PM DE01.242:2014-04 (a) ¹
CAPE	0.35	%	PM DE01.242:2014-04 (a) ¹
Chlorogenic acid	n.d.	%	PM DE01.242:2014-04 (a) ¹
Chrysin	1.84	%	PM DE01.242:2014-04 (a) ¹
Echinacoside	n.d.	%	PM DE01.242:2014-04 (a) ¹
Ferulic acid	0.06	%	PM DE01.242:2014-04 (a) ¹
Formononetin	n.d.	%	PM DE01.242:2014-04 (a) ¹
Galangin	1.64	%	PM DE01.242:2014-04 (a) ¹
Genistein	n.d.	%	PM DE01.242:2014-04 (a) ¹
Kaempferol	0.16	%	PM DE01.242:2014-04 (a) ¹
Caffeic acid	0.06	%	PM DE01.242:2014-04 (a) ¹
m-Coumaric acid	n.d.	%	PM DE01.242:2014-04 (a) ¹
Naringenin	n.d.	%	PM DE01.242:2014-04 (a) ¹
p-Coumaric acid	0.18	%	PM DE01.242:2014-04 (a) ¹
Pinobanksin	1.80	%	PM DE01.242:2014-04 (a) ¹
Pinocembrin	2.48	%	PM DE01.242:2014-04 (a) ¹
Protocatechuic acid	n.d.	%	PM DE01.242:2014-04 (a) ¹
Quercetin	n.d.	%	PM DE01.242:2014-04 (a) ¹
Rutin	n.d.	%	PM DE01.242:2014-04 (a) ¹
Vanillic acid	n.d.	%	PM DE01.242:2014-04 (a) ¹
Cinnamic acid	n.d.	%	PM DE01.242:2014-04 (a) ¹

n.d. - not detected < 0.05% estimated limit of quantification;
Expanded measurement uncertainty: ± 20% rel

(a) : accredited method. (na) : not accredited method. (1) Inhouse procedure

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to be continued...

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USt-IdNr. DE 185128973

Geschäftsführer
Ross McCluskey

Durch die DAKKS nach DIN EN ISO/IEC
17025 akkreditiertes Prüflaboratorium.
Die Akkreditierung gilt für die in der
Urkunde aufgeführten Prüfverfahren.

DAKKS
DEUTSCHE AKKREDITIERUNGSGESELLSCHAFT
FÜR KONFORMITÄT

Test Report No. 210-1210384

QSI GmbH - Flughafendamm 9a - D-28199 Bremen

Granja Alfonso Roth S.A.S.
Mabel Leticia Sansberro
Dr. Juan J. de Amezaga 2012
Montevideo
URUGUAY

Date: 17-Nov-2023

Customer No.:		Sample No.:	505216
Product:	Bienenprodukt/Bee Product		
Label:	Lot 2193, Seal [Verified - MGAP - UY]		
Arrival Date:	07-Nov-2023	Start / End of Analysis:	09-Nov-2023 / 17-Nov-2023
Kind/Origin:	Propolis	Packaging:	Papier / paper
Seal:	unverletzt/intact	Temp.:	RT

VA25411 (2022-05) Total polyphenols (Folin-Ciocalteu), ASU 4.100-10, mod.

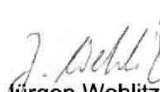
Parameter	Unit	LOQ*	Result
Total polyphenols	% (g/100g)	0,1	8,81

Subcontracting of test not accredited at QSI to laboratory accredited for this test

* LOQ = limit of quantitation, n.n. = below LOQ

Quality Services International GmbH

Version 0


Jürgen Wehlitz
Test Manager
Food Chemist

This examination is the basis for special decision guidance.

The test results are exclusively related to the items tested for this sample in the above mentioned time frame for analysis. Method and measurement uncertainty details are available upon request. This report is allowed to be copied completely and unchanged but not in extracts. Furthermore, as well as for statements regarding conformity our General Terms and Conditions of Business are applicable.

Test Report No.: 210-1210384 Version 0

Page: 1 of 1

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HRB 18842
Managing Director:
Dr. Cord Lüllmann

Hypo Vereinsbank
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BIC: HYVE DE 3303 0000
UST-ID: DE 202142221

ANALYSIS REPORT No. 2311081070

DATE: 08.11.2023

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Client:



Granja Alfonso Roth S.A.S.
Dr. Juan J. de Amezaga 2012
Montevideo
Uruguay

E-Mail: m.sansberro@gar.uy
Your order no. 1

Our reference no.	: PI2311060210	
Product	: Propolis	
Sample description / Batch	: LOT 2193 - Processed Propolis	
Sample received on / transported by	: 02.11.2023 via Parcel service	Seal [Verified - MGAP - UY]: Seal No.
Sample temp. when received / stored	: RT	Sampling : MGAP/UY
Packaging / Quantity	: Glass container / 2 x ca. 50g	Start / End of analysis : 06.11.2023 / 07.11.2023

ANALYSIS REQUESTED: Chloramphenicol by LC-MS/MS (108018)

Parameter	Result	Unit	Method
Chloramphenicol	n.d.	µg/kg	PM DE0, 022:2020-07 (a) 1
n.d. = not detected: Chloramphenicol < RPA of 0.15 µg/kg (Regulation (EU) 2019/1871).			
(a) : accredited method. (na) : not accredited method. (t) Inhouse procedure (07/2020)			
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Interpretation:

Regarding the examined parameters, the indicated limits of quantification and the reference point for action (RPA) of 0.15 µg/kg for chloramphenicol the sample corresponds to the legal regulations (Regulation (EG) 470/2009 and Regulation (EU) 37/2010 in conjunction with Regulation (EU) 2019/1871).

Hauke Zinow
Responsible Scientist, Certified Food Chemist

Test Report No. 210-1210383

QSI GmbH - Flughafendamm 9a - D-28199 Bremen

Granja Alfonso Roth S.A.S.
Mabel Leticia Sansberro
Dr. Juan J. de Amezaga 2012
Montevideo
URUGUAY

Date: 17-Nov-2023

Customer No.:		Sample No.:	505246
Product:	Bienenprodukt/Bee Product		
Label:	Lot 2193, Seal [Verified - MGAP - UY]		
Arrival Date:	07-Nov-2023	Start / End of Analysis:	09-Nov-2023 / 17-Nov-2023
Kind/Origin:	Propolis	Packaging:	Papier / paper
Seal:	unverletzt/intact	Temp.:	RT

VA86560 (2020-04) Bee medicines (incl. Amitraz and Metabolites), GC-MS and LC-MS/MS, wax/bee products

Parameter in mg/kg	MRL**	LOQ*	Result
Chlorfenvinphos		0,005	n.n.
Coumaphos		0,010	n.n.
Bromopropylate		0,010	n.n.
Dibromobenzophenone, 4,4'-		0,010	n.n.
Flumethrin		0,010	n.n.
Fluvalinate, tau-		0,010	n.n.
Amitraz (amitraz including the metabolites containing the 2,4-dimethylaniline moiety expressed as amitraz)		0,010	n.n.

Subcontracting of test not accredited at QSI to laboratory within the Tentamus Group qualified for this test, bilacon GmbH

*LOQ = limit of quantitation, n.n. = below LOQ, ** No MRLs are applicable to other apiculture products except for honey until individual products have been identified and listed within the group EU Code No. 1040000 of L. Reg. 396/2005.

Calculation of Amitraz based on a 1:2 stoichiometry for the three metabolites DMF, DMF and DMA (only for royal jelly)

The expanded relative measurement uncertainty is 40 % (coverage factor $k=2$, confidence interval 99 %) without taking the sampling into account.

Conclusion:

No MRLs are applicable to other apiculture products except for honey until individual products have been identified and listed in Regulation (EC) No 396/2005.