

Client:



BEEBOX WORLD SCRL.
Zoning Industriel de Fernelmon
Rue du Trou du Sart 8
5380 Fernelmont (Namur)
Belgium

E-Mail: info@beeboxworld.com
Your order no. 24-12-31 contre analyse

Our reference no.	: PI2501060018		
Product	: Beeswax		
Sample description / Batch	: ROU2401 contre analyse		
Sample received on / transported by	: 06.01.2025 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Plastic bag / ca.400g	Start / End of analysis	: 07.01.2025 / 10.01.2025

ANALYSIS REQUESTED: Determination of Beeswax Adulteration by FT-IR (000041)

Parameter	Result	Unit	Method
Paraffin	n.d.	%	PM DE01.329:2020-02 (a) ¹
Stearic Acid	n.d.	%	PM DE01.329:2020-02 (a) ¹
Palmitic Acid	n.d.	%	PM DE01.329:2020-02 (a) ¹
Tallow (Triacylglycerides)	n.d.	%	PM DE01.329:2020-02 (a) ¹
n.d. = below limit of quantification, % in (w/w) Limits of quantification (LOQ): paraffin = 3.0 %; stearic acid = 2.5 %; palmitic acid = 2.5 %; tallow (triacylglycerides) = 2.0 %			
(a) : accredited method. (na) : not accredited method. (1) partial least squares regression FT-IR v2.0 This document may only be reproduced in full. The results given herein apply to the submitted sample only.			

Interpretation:

With reference to authentic beeswax samples, no additions of paraffin, fatty acids, and/or tallow (triacylglycerides) above the respective limit of quantification could be detected in the present sample.



Daniel Schaal
Responsible Scientist, MSc Biochemistry

ANALYSIS REPORT No. 2501080353

DATE: 08.01.2025

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Your order no. 24-12-31 contre analyse

Our reference no.	: PI2501060018		
Product	: Beeswax		
Sample description / Batch	: ROU2401 contre analyse		
Sample received on / transported by	: 06.01.2025 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Plastic bag / ca.400g	Start / End of analysis	: 06.01.2025 / 08.01.2025

ANALYSIS REQUESTED: Flumethrin by LC-MS/MS (101058)

Parameter	Result	Unit	Method
Flumethrin	n.d.	mg/kg	(a) ¹
n.d. - not detected < limit of quantification 0.05 mg/kg			
(a) : accredited method. (na) : not accredited method. (1) ASU § 64 LFGB L 00.00-115:2018-10 (DIN EN 15662) This document may only be reproduced in full. The results given herein apply to the submitted sample only.			

Interpretation:

Regarding the examined parameters and the mentioned limit of quantification the sample corresponds to the legal regulations (Regulation (EC) 470/2009 in conjunction regulation (EU) 37/2010).



Swantje Puls
Responsible Scientist, M.Sc. Biotechnology

ANALYSIS REPORT No. 2501090291

DATE: 09.01.2025

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E-Mail: info@beebboxworld.com
Your order no. 24-12-31 contre analyse

Our reference no.	: PI2501060018		
Product	: Beeswax		
Sample description / Batch	: ROU2401 contre analyse		
Sample received on / transported by	: 06.01.2025 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Plastic bag / ca.400g	Start / End of analysis	: 06.01.2025 / 08.01.2025

ANALYSIS REQUESTED: Pesticides and Bee Treatment Agents by GC-MS/MS and LC-MS/MS (108114)

Parameter	Result	Unit	Method
Pesticides	n.d.	mg/kg	(a) ¹
n.d. - not detected < limits of quantification List of analytes and limits of quantification: see pdf-file attached to the electronically submitted analysis report (a) : accredited method. (na) : not accredited method. (1) ASU § 64 LFGB L 00.00-115:2018-10 (DIN EN 15662) This document may only be reproduced in full. The results given herein apply to the submitted sample only.			

Interpretation:

Referring to the analyzed parameters and considering the above mentioned limit of quantification, in the investigated sample the above stated amounts of residue were determined.



Swantje Puls
Responsible Scientist, M.Sc. Biotechnology