

Client:



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PA406224

Swienty Commodities Aps
Hørtoftvej 16
6400 Sønderborg
Denmark

FAX: 0045 74488001
E-Mail: dr@swienty.com
Your order no. K255001-BW0524

Our reference no.	: PI2410180193		
Product	: Beeswax		
Sample description / Batch	: K230001-OW0624		
Sample received on / transported by	: 18.10.2024 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Plastic bag / ca. 280g	Start / End of analysis	: 22.10.2024 / 23.10.2024

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.

Harald König
Assistant Testing Supervisor

Client:



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Your order no. **K255001-BW0524**

Our reference no.	: PI2410180193		
Product	: Beeswax		
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Packaging / Quantity	: Plastic bag / ca. 280g	Start / End of analysis	: 22.10.2024 / 25.10.2024

ANALYSIS REQUESTED: Quantification of Paraffin, Fatty Acid & Tallow Additions in Beeswax with NMR (000042)

Parameter	Result	Unit	Method
Paraffin	n.d.	%	PM DE01.330:2022-05 (a) ¹
Fatty Acids	n.d.	%	PM DE01.330:2022-05 (a) ¹
Tallow (Triacylglycerides)	n.d.	%	PM DE01.330:2022-05 (a) ²

n.d. - below limit of quantification, % in (w/w)
Limits of quantification (LOQ): paraffin = 2.5 %; fatty acids (stearic and palmitic acid) = 2.5 %;
tallow (triacylglycerides) = 0.5 %

(a) : accredited method. (na) : not accredited method. (1) partial least squares regression NMR v2.1
(2) linear regression NMR v1.1

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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