

Client:

**Killerbeeshoney.com**
828 Even's Ridge Road
28747 Toxaway, NC
United StatesE-Mail: sean@killerbeeshoney.com
Your order no. CT 030418-125189

Our reference no.	: PI1804250285		
Product	: Honey		
Sample description / Batch	: QUEEN'S RESERVE		
Sample received on / transported by	: 25.04.2018 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Glass container / 3 x ca. 125g	Start / End of analysis	: 26.04.2018 / 27.04.2018

ANALYSIS REQUESTED: Nitroimidazoles by LC-MS/MS (101092)

Parameter	Result	Unit	Method
Metronidazole	n.d.	µg/kg	PM DE01_101 (a) ¹
Ronidazole	n.d.	µg/kg	PM DE01_101 (a) ¹
Dimetridazole	n.d.	µg/kg	PM DE01_101 (a) ¹

n.d. - not detected < 0.5 µg/kg limit of quantification

(a) : accredited method. (na) : not accredited method. (1) Inhouse procedure
This document may only be reproduced in full. The results given herein apply to the submitted sample only.

Interpretation:

Regarding the examined parameters and with respect to the mentioned limit of quantification the sample corresponds to the legal regulations (Regulation (EC) 470/2009 in conjunction with regulation (EU) 37/2010 (dated Feb. 9th 2010)).

Dr. Imke Böttjer
Responsible Scientist, Certified Food Chemist

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ANALYSIS REQUESTED: Sulfonamides and Trimethoprim by LC-MS/MS (101169)

Parameter	Result	Unit	Method
Sulfaguanidine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfanilamide	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfacetamide	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Succinylsulfathiazole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfaphenazole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfisomidine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfadiazine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfathiazole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfapyridine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamerazine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamethazine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamer	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamethoxyipyridazine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfachloropyridazine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamonomethoxine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfisoxazole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamethoxazole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfadoxine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfaquinoxaline	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfadimethoxine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfabenzamide	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamoxole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfaclozine	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfamethizole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Sulfisozole	n.d.	µg/kg	PM DE01_046/084 (a) ¹
Trimethoprim	n.d.	µg/kg	PM DE01_046/084 (a) ¹

n.d. - not detected < limit of quantification 2 µg/kg; n.a. - not analyzed

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

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to be continued...



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Interpretation:

Regarding the examined parameters and the mentioned limit of quantification the sample corresponds to the legal regulations (regulation (EC) 470/2009 in conjunction with regulation (EU) 37/2010 (dated Feb. 9th 2010)).

Dr. Hartmut Wischmann
Responsible Scientist, Certified Food Chemist

Client:

21804270349
PA245479**Killerbeeshoney.com**
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ANALYSIS REQUESTED: Streptomycin by LC-MS/MS (101170)

Parameter	Result	Unit	Method
Streptomycin	n.d.	µg/kg	PM DE01_104 (a) ¹
Dihydrostreptomycin	n.d.	µg/kg	PM DE01_104 (a) ¹

n.d. - not detected < 2 µg/kg limit of quantification

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

Regarding the examined parameters and the mentioned limit of quantification the sample corresponds to the legal regulations (regulation (EC) 470/2009 in conjunction with regulation (EU) 37/2010 (dated Feb. 9th 2010)).

Hauke Zinow
Responsible Scientist, Certified Food Chemist

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Packaging / Quantity	: Glass container / 3 x ca. 125g	Start / End of analysis	: 27.04.2018 / 30.04.2018

ANALYSIS REQUESTED: Tetracyclines by LC-MS/MS (101172)

Parameter	Result	Unit	Method
Oxytetracycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
Tetracycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
Chlortetracycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
Doxycycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
Demeclocycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
Methacycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
Minocycline	n.d.	µg/kg	PM DE01_060/116 (a) ¹
n.d. - not detected < limit of quantification 5 µg/kg			
(a) : accredited method. (na) : not accredited method. (1) Inhouse procedure			
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Interpretation:

Regarding the examined parameters and the mentioned limit of quantification the sample corresponds to the legal regulations (regulation (EC) 470/2009 in conjunction with regulation (EU) 37/2010 (dated Feb. 9th 2010)). The results are stated as sum of the parent drug and the corresponding 4-Epimer.

Hauke Zinow
Responsible Scientist, Certified Food Chemist

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Sample received on / transported by	: 25.04.2018 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Glass container / 3 x ca. 125g	Start / End of analysis	: 26.04.2018 / 27.04.2018

ANALYSIS REQUESTED: Bee Treatment Agents and Varroacides by GC-MS/MS (101184)

Parameter	Result	Unit	Method
Acrinathrin	n.d.	mg/kg	GC-MS/MS (a)
Amitraz (incl. Metabolites)	n.d.	mg/kg	GC-MS/MS (a)
Bromopropylate (incl. 4,4'-DBBP)	n.d.	mg/kg	GC-MS/MS (a)
Chlorfenvinphos	n.d.	mg/kg	GC-MS/MS (a)
Coumaphos	n.d.	mg/kg	GC-MS/MS (a)
Cymiazole	n.d.	mg/kg	GC-MS/MS (a)
DEET	n.d.	mg/kg	GC-MS/MS (a)
Flumethrin	n.d.	mg/kg	GC-MS/MS (a)
tau-Fluvalinate	n.d.	mg/kg	GC-MS/MS (a)
Malathion	n.d.	mg/kg	GC-MS/MS (a)
Tetradifon	n.d.	mg/kg	GC-MS/MS (a)

n.d. - not detected < limit of quantification 0.01 mg/kg

(a) : accredited method. (na) : not accredited method.

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Interpretation:

Regarding the examined parameters, the mentioned limits of quantification and considering an expanded measurement uncertainty of 50 % (SANTE/11945/2015), the sample corresponds to the EU-Regulation 396/2005 as well as Regulation (EC) 470/2009 in conjunction Regulation (EU) 37/2010.

Dr. Katharina Schmidt
Responsible Scientist, Certified Food Chemist

Client:



21805020006
PA245479

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Packaging / Quantity	: Glass container / 3 x ca. 125g	Start / End of analysis	: 30.04.2018 / 30.04.2018

ANALYSIS REQUESTED: Chloramphenicol by ELISA-Screening-Test (101301)

Parameter	Result	Unit	Method
Chloramphenicol	n.d.	µg/kg	PM DE01_024 (a) ¹
n.d. - not detected < limit of quantification 0.3 µg/kg MRPL (Minimum Required Performance limit) for chloramphenicol = 0.3 µg/kg according to 2003/181/EG dated March 13, 2003			
(a) : accredited method. (na) : not accredited method. (1) Inhouse procedure This document may only be reproduced in full. The results given herein apply to the submitted sample only.			

Interpretation:

Regarding the examined parameter and with respect to the mentioned limit of quantification and the MRPL of 0.3 µg/kg the sample corresponds to the legal regulations (Regulation (EC) 470/2009 in conjunction with Regulation (EU) 37/2010 (dated Feb. 9th 2010)) and corresponds to the Decision 2003/181/EC dated March 13th, 2003 in connection with the Decision 2005/34/EC dated Jan. 11th, 2005. According to Decision 2002/657/EC the ELISA test shall only be used for screening purposes in conformity with Directive 96/23/EC. The rate of false negative results must be less than 5%. In case of a suspected positive result this result must be confirmed by a secondary confirmation method (LC-MS/MS).

Tina Huth
Responsible Scientist, Certified Food Chemist

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ANALYSIS REQUESTED: Glyphosate by LC-MS/MS (105135)

Parameter	Result	Unit	Method
Glyphosate	n.d.	mg/kg	LC-MS/MS (a) ¹
Aminomethylphosphonic acid (AMPA)	n.d.	mg/kg	LC-MS/MS (a) ¹

n.d. - not detected < limit of quantification: 0.01 mg/kg
maximum residue level (MRL) acc. to Regulation (EC) No. 396/2005 for Glyphosat in Honey: 0.05 mg/kg

(a) : accredited method. (na) : not accredited method. (1) QuPpe M1.3 (Version 8.1)
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Interpretation:

Regarding the examined parameters, the mentioned limits of quantification, the sample corresponds to the EU-Regulation 396/2005.

Dr. Katharina Schmidt
Responsible Scientist, Certified Food Chemist