

TEST REPORT N° 22FR02926



LAB N° 0128 L
Member of the Mutual Recognition
Agreements EA, IAF e ILAC

Page 1 of 4

Issuing date: **25/02/2022**

Sample code: **22FR02926**

Company ETHIKABIO SA

Receipt date: **18/02/2022**

Street **CHEMIN DES PLANCHES 3**

City: **1648 HAUTEVILLE ()**

Sampling date: **17/02/2022**

Place and sampling point: **---**

Sampling by: **Cliente**

Start date of analysis: **22/02/2022**

End date of analysis: **25/02/2022**

Sample description: **562BO BRAZILIAN ORGANIC HONEY**

The results contained in this Test Report refer only to the analyzed sample. This Test Report can not be copied, even partially, without Laboratory written permission by the administrator of: Lifeanalytics - Oderzo (TV).

TEST RESULTS

| Test denomination | Unit of measure | Value | LOQ | Analytical Method |
|--------------------------|-----------------|-------|-----|--------------------|
| Oxytetracycline | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Tetracycline | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Doxycycline | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Chlortetracycline | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfaquinoxaline | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Sulfamethoxypyridazine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfadiazine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfadimethoxine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfadoxine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Sulfaguanidine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfamerazine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Sulfameter | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Sulfamethazine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfamethoxazole | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Sulfachloropyridazine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |

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LAB N° 0128 L
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Page 2 of 4

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|-----------------------------|-----------------|-------|------|--------------------|
| * Sulfapyridine | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| Sulfatiazole | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Trimethoprim | µg/kg | n.r. | 5.0 | MI 20190 rev1 2011 |
| * Cinoxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Ciprofloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Danofloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Difloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Enoxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Enrofloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Fleroxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Flumequin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Lomefloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Marbofloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Nalidixic Acid | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Norfloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Ofloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Oxolinic Acid | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Sarafloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Sparfloxacin | µg/kg | n.r. | 5.0 | MI 20337 rev0 2007 |
| * Streptomycin | µg/kg | n.r. | 1.0 | MI 20150 rev0 2006 |
| Chloramphenicol | µg/kg | n.r. | 0.10 | MI 20181 rev1 2011 |
| * Nitrofurantol metabolites | | | | MI 20185 rev0 2006 |
| * AHD | µg/kg | n.r. | 0.5 | MI 20185 rev0 2006 |
| * AMOZ | µg/kg | n.r. | 0.5 | MI 20185 rev0 2006 |

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LAB N° 0128 L
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Page 3 of 4

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|-----------------------------|-----------------|-------------|------|----------------------|
| * SEM | µg/kg | n.r. | 0.5 | MI 20185 rev0 2006 |
| * AOZ | µg/kg | n.r. | 0.5 | MI 20185 rev0 2006 |
| * Nitroimidazole | | | | MI 20367 rev0 2008 |
| * RNZ | µg/kg | n.r. | 0.5 | MI 20367 rev0 2008 |
| * MNZ | µg/kg | n.r. | 0.5 | MI 20367 rev0 2008 |
| * DMZ | µg/kg | n.r. | 0.5 | MI 20367 rev0 2008 |
| * HMMNI | µg/kg | n.r. | 0.5 | MI 20367 rev0 2008 |
| Tylosin | µg/kg | n.r. | 1.0 | MI 20191 rev1 2011 |
| Free acidity | meq/kg | 30,8 | 5.0 | UNI 11029:2003 |
| pH | unità pH | 4,90 | 2.50 | UNI 11029:2003 |
| Diastase | DI | 33,3 | 0.5 | UNI 11028:2003 |
| Hydroxymethylfurfural (HMF) | mg/kg | 7,1 | 0.5 | UNI 10934:2001 Par.5 |
| Moisture | % | 15,9 | 10.0 | UNI 10935:2001 |



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TEST REPORT N° 22FR02926



LAB N° 0128 L
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Page 4 of 4

Others informations deemed useful for the interpretation of the results:

The reported uncertainty "I" is the expanded uncertainty calculated using a coverage factor of 2 which gives a confidence level of approximately 95. For microbiological research are indicated the upper and lower limit of the confidence interval with level of probability of 95% K=2 or the interval itself. The results of the tests are issued in accordance with the law ISO 7218:2007.

When the results are <4 (UFC/ml) or <40 (UFC/g) the microorganisms are present but fewer than 4 (UFC/ml) or 40 (UFC/g).

"n.r.": < to detection limit LOD (if it is not indicated it is necessary to look at the limit of quantification LOQ).

Please note that each result expressed as "n.r." does not indicate the absence of the parameter in the sample.

LOQ: limit of quantification: It is the lowest analyte concentration in the sample that can be detected with acceptable accuracy under well specified conditions.

LOD: detection limit: it is the lowest analyte concentration in the sample that can be detected but not necessarily quantified under specific conditions. In the case of quantitative analyses it isn't indicate.

ND/D: Not Detectable, Detectable

When the sampler is not a laboratory technician, the sampling description data shall be provided by the person who performed the sampling and the laboratory shall not be responsible for those data, including any influence on the validity of the results. The results included in the assay report are refered to the sample received.

Conformity opinions: values that comply with and do not comply with laws, decrees, national and EU regulations, specifications provided by the customer are assessed on a case-by-case.

Rec%: Recovery% it indicates the recovery that has been applied to the result where it is positive.

Exclusions from ISO 17604: 2015 accreditation = if the sampling is performed by the customer, chapter 8 of the ISO 17604: 2015 standard is excluded from accreditation. Chapter 9 of the ISO 17604: 2015 standard is also excluded if transport is also the responsibility of the customer

Exclusions from ISO 18593: 2018 accreditation = if the sampling is performed by the customer, chapter 7 of the ISO 18593: 2018 standard is excluded from accreditation. Furthermore, chapter 8 of the ISO 18593: 2018 standard is excluded if the transport is also the responsibility of the customer

(*): Assay not accredited by Accredia

**Responsabile di laboratorio Dr.Giancarlo
Quaglia**

**all'Ordine dei Chimici del Piemonte e Valle
d'Aosta con sigillo N.307**

Document digitally signed in accordance with current legislation