

Test Report No. 210-906945

QSI GmbH - Flughafendamm 9a - D-28199 Bremen

SP Tooted Ltd

Tapri 11, Tallinn
11415 Tallinn
ESTONIA

Date: 13-Apr-2022

Customer No.:	14322	Sample No.:	392528
Product:	Honig/Honey		
Label: Without label			
Arrival Date:	11-Apr-2022	Start / End of Analysis:	11-Apr-2022 / 13-Apr-2022
Kind/Origin:		Packaging:	Kunststoff / plastic
Seal:	ohne/without	Temp.:	RT

VA40500 (2021-10) NMR - Honey-Profiling™, BRUKER evaluation + QSI interpretation, Authenticity and Quality

Parameter	Result
Detection of foreign sugars	Nein/No
Quality	typisch/typical
Geographical origin*	-
Botanical origin*	-
Deviations/Remark	

Accredited method

The quantitative and chemometric evaluation of the NMR-Honey-Profiling Release 3.0.x is performed by Bruker BioSpin GmbH (Accreditation Certificate D-PL-19229-01-00) and the expert interpretation by QSI GmbH.

The quality is evaluated according to EU Honey Directive 2001/110 (esp. HMF, ethanol (> 400 mg/kg untypical/fermentation). If foreign sugars were detected, it is automatically evaluated as untypical.

* Statistical confirmation of origin is only made if we have information in this regard. It is based on the NMR database and does not necessarily agree with the results of a microscopic pollen analysis.

Conclusion:

Based on the current Honey-Profiling™ database of Bruker BioSpin GmbH and the interpretation of QSI, the quality is typisch/typical for honey as defined by Annex II EU Honey Directive 2001/110. Based on the current Honey-Profiling™ database of Bruker BioSpin GmbH and the interpretation of QSI, the NMR profile gives no indication of the presence of foreign sugars. The sample meets the requirements for authentic honey according to Annex I No. 1 of the EU Honey Directive 2001/110.


Mandy Weigel
Test Manager
Food Chemist



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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.

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