

# Test Report No. 210-973386

QSI GmbH - Flughafendamm 9a - D-28199 Bremen

BG Hive Ltd.  
Georgi Ianakiev  
2 Nikolay Liliev street  
1000 Sofia  
BULGARIA

Date: 05-Aug-2022

<b>Customer No.:</b>	<b>12766</b>	<b>Sample No.:</b>	<b>416671</b>
Product:	Honig/Honey		
<b>Label: CONV_P01_22</b>			
Arrival Date:	02-Aug-2022	Start / End of Analysis:	02-Aug-2022 / 05-Aug-2022
Kind/Origin:	Bulgaria	Packaging:	Kunststoff / plastic
Seal:	ohne/without	Temp.:	RT

## VA220 (2022-06) Botanical and geographical Origin, compliance with EC-Honey Directive

Parameter (Method)	Unit	Result
Electr.conductivity(ASU L 40.00-5, 2021-11, mod^)	mS/cm	0,26
rel.frequency of pollen(ASU L 40.00-11, 2003-12, mod.^)		
Predominant pollen 1	%	66 Helianthus annuus (Sonnenblume, Sunflower)
Predominant pollen 2	%	keine/none
Secondary pollen 1	%	26 Brassicaceae (Kreuzblütler, Crucifers)
Secondary pollen 2	%	keine/none
Secondary pollen 3	%	keine/none
Minor pollen 1	%	keine/none
Minor pollen 2	%	keine/none
Minor pollen 3	%	< 01 Lavandula spec. (Lavendel, Lavender) u.r.

Identified pollentypes	unidentified pollen-types Zea mays (Mais, Maize) (P) Tilia (Linden) u.r. Papaver (Mohn, Poppy) -Type (P) Poaceae (Süßgräser, Grasses) (P) Apiaceae (Doldenblütler, Umbellifers) Salix sp. (Weiden, Willow) Plantaginaceae (Wegerichgewächse, Plantain) (P) Amorpha fruticosa (Bastardindigo, false Indigo) Carduus (Diestel ,Thistle)-Type Echium (Natternkopf, Bugloss) ü.r. Robinia pseudoacacia (Falsche Akazie, False Acacia) u.r. Galega (Geißrauten, Goats rue) -Type (P)
HD-Elements, fungal spores *	wenige/few
HD-Elements, waxwool *	keine/none
HD-Elements, waxstrings *	keine/none
Yeastcontent, estimation (VA 262)	erhöht/increased
Starchgrains ** (VA 268)	gering/low (= < 10%)
Other solid constituents	honigtypisch/honey-specific
Conclusion: Type of honey, HoneyDir., Art.1, Annex I	Blüten/Blossom
<b>Conclusion: Botanical origin, HoneyDirective., Art 2</b>	<b>Sonnenblumen/Lavendel; Sunflower/Lavender</b>
Conclusion: Geographical origin	Südosteuropa (Bulgarien mögl.)/Southeasteuropa (Bulgaria possible)
Odour (ASU L 00.90-6, 2015-06, mod.^^^)	trachttypisch/source-specific
Flavour (ASU L 00.90-6, 2015-06, mod.^^^)	trachttypisch/source-specific
Colour (ASU L 00.90-6, 2015-06, mod.^^^)	trachttypisch/source-specific
Consistency (ASU L 00.90-6, 2015-06, mod.^^^)	kristallin/crystallized

Accredited method

u.r. = underrepresented; ü.r. = overrepresented; k = counted without pollen from nectarless plants (P)

\*HD = Honeydew; \*\*Starchgrains in % per 300 pollen- and starchgrains counted

^Weighing, ^^Adjustment in volume and temperature, ^^^Matrix: only Honey

The expanded relative measurement uncertainty is 10 % (electr. conductivity) (coverage factor k=2.58; confidence interval 99 %) without taking the sampling into account.

**Conclusion:**

Based on the results determined within this analysis the honey can be classified as Blüten/Blossom honey according to current EC Directive for honey.

Based on the above determined characteristics a declaration as Sonnenblumen/Lavendel; Sunflower/Lavender honey is in accordance with Art. 2 (2b) of the current EC-Honey Directive.

A declaration of the geographical origin Südosteuropa (Bulgarien mögl.)/Southeasteuropa (Bulgaria possible) is consistent with the above determined pollen spectrum given current scientific research

  
Markus Krieger  
Test Manager  
Food Chemist



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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