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Translation from the Bulgarian language

LABORATORY AND CONSULTATIVE CENTER FOR FOOD SAFETY PREVENTION AND TRAINING

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ESD 7.8-1

**TEST LABORATORY "ALIMENTI-OMNILAB"
 AT D & V CONSULT LTD**

Accreditation certificate No 223 LI / 18.10.2022 valid until 17.06.2025, issued by the Bulgarian accreditation service executive agency according to the requirements of BDS EN ISO / IEC 17025:2018

**TEST PROTOCOL
 No 23439 / 05.05.2023**

1. Internal Ref. No, group and name of the product, lot No, production date
 Ref No 39547, GROUP: HONEY AND BEE PRODUCTS, SAMPLE: honey – L RO-DN2; production date: 2022

2. Test applicant – name and address, Application No / Sampling Act/ Cover Letter
 Bee Smart Technologies AD
 FK 7.4-1 Request No - / 26.04.2023

3. Test method /name and number of the standards or the validated methods/
 Antibiotics and sulfonamides and suppressants – VLM-MB-08:2021
 Water content – Ordinance 48/2003 item 3
 Diastase activity – BDS 3050:1980 item 2.8
 Demonstration of commercial glucose impurities – BDS 3050:1980 item 2.10
 Electrical conductivity – Ordinance 48/2003 item 5
 Pollen analysis - BDS 3050:1980 item 2.11
 Content of reducing sugars - BDS 3050:1980 item 2.3
 Hydroxymethylfurfural content (HMF) - BDS 3050:1980 item 2.9

4. Sample type of packaging and quantity
 Ref. No. 39547 – jar – 1 x 0,400 kg

5. Date and time of sample acceptance
 26.04.2023, 14:48 h

6. Date/ period of testing
 26.04.2023 – 04.05.2023

7. Samples taken by Bee Smart Technologies AD

8. Test results

No	INDEX	Unit	Standard/ certified methods	Sample Ref. No.	Test results (value, indetermination)	Index values and allowance	Test conditions
1	2	3	4	5	6	7	8
1	Antibiotics and sulfonamides and suppressants	Detected/ not detected	VLM-MB-08:2021	39547	Not detected	Not detected	t=37°C and t=41,5°C, humidity 40÷50%
2	Water content	% of total mass	Ordinance 48/2003 item 3	39547	17.50	-	t=20÷25°C, humidity 35÷40%

	Diastase activity	Gote units	BDS 3050:1980 item 2.8	39547	30.14	-	t=20÷25°C, humidity 35÷40%
	Demonstration of commercial glucose impurities	Presence/ Absence	BDS 3050:1980 item 2.10	39547	Absence	-	t=20÷25°C, humidity 35÷40%
5	Electrical conductivity	mS/cm	Ordinance 48/2003 item 5	39547	0.83	-	t=20÷25°C, humidity 35÷40%
6	Pollen analysis	Sensory analysis	BDS 3050:1980 item 2.11	39547	Normal according to Appendix No. 1	-	t=20÷25°C, humidity 35÷40%
7	Content of reducing sugars	% of total mass	BDS 3050:1980 item 2.3	39547	76.00	-	t=20÷25°C, humidity 35÷40%
8	Hydroxymethylfurfural content (HMF)	mg/kg	BDS 3050:1980 item 2.9	39547	<3,00	-	t=20÷25°C, humidity 35÷40%

Tests carried out by: M06, F012

NOTE I:

The laboratory does not declare compliance and does not report opinions and interpretations.

NOTE II:

The test results are valid only for the tested samples. The test protocol cannot be copied without the written consent of the head of the laboratory and only in full.

NOTE III:

Addition to point 2: The laboratory does not confirm the truthfulness of the information submitted by the applicant with the cover letter.

NOTE IV:

Addition to point 7: The customer has performed the sampling and the laboratory is not responsible for the representativeness of the sample.

Head of the Laboratory: Milena Cholakova, dipl. eng. /signature//seal/

Appendix No. 1 to Test protocol No. 23439/ 05.05.2023

8.1. Tests within the accreditation range:

Indicators Sample No.	Pollen analysis %
No.39547 bee honey and bee products Honey L RO-DN2	Rosaceae - 27.60 Salicaceae - 14.90 Fabaceae - Acacia- 9.80 Brassicaceae - 9.60 Cornaceae - 4.20 Fabaceae - 3.70 Asteraceae - 2.10 Caryophyllaceae - 1.90 Lamiaceae - 1.60 Apiaceae - 1.00 Other – 23.60

Appendix No. 1 to Test protocol No. 23439/ 05.05.2023

I, the undersigned Iva Stanislavova Todorova, hereby certify that the above is a true and complete translation from the Bulgarian language into the English language of the attached document – a test protocol. The translation consists of three pages.

Translator:

Iva Stanislavova Todorova

