

BULGARIAN FOOD SAFETY AGENCY**REGIONAL FOOD SAFETY DIRECTORATE SOFIA
FOOD SAFETY AND FOOD QUALITY DEPARTMENT**

Certificate of accreditation BAS reg. № 56 ЛИ/05.05.2023, valid until 31.03.2025, accredited by EA BAS pursuant to БДС EN ISO/IEC 17025:2018 Sofia city, 7 „Gen. Danail Nikolaev” blvd, phone +359 (02) 9441706, 9461460, fax +359 (02) 9441706

Test Report**No 82609 / 14.09.2023**

<p>1. Act for sampling /cover letter: 18639/12.09.2023</p> <p>2. Issued by: Desislava Petkova Kaloianova</p> <p>3. Owner: farmer Desislava Petkova Kaloianova “Kn. Maria Luiza” blvd. 23, Burgas, Bulgaria</p>	<p>4. Origin: Bulgaria</p> <p>5. Normative Document: Ordinance 9/22.06.2005</p>
<p>6. Type of the sample, quantity, lot</p>	<p>7. Type of the testing:</p>
<p>Honey and bee products – honeydew bee honey, production: 09.08.2023</p>	<p>Physicochemical indicators</p>
<p>8. Quantity of the lot: 1580 kg.</p> <p>10. Sample testing period: 12.09 - 14.09.2023</p>	<p>9. Accompanying document: -----</p>
<p>11. Remarks: livestock object the village of Biala voda, municipality Malko Tarnovo, YPH 661944, reg. No: 83610044 and reg. No: 83610049</p>	
<p>12. The sample delivered by: Desislava Petkova Kaloianova</p>	<p>13. The sample received by: D. Kostadinova Date of receipt: 12.09.2023 Time of receipt: 10:50</p>
<p>Remarks: Sampling is performed by the client and the laboratory is not responsible for the representativeness of the sample. This document and / or parts of it may not be reproduced without the written consent of the laboratory at RFSD - Sofia city. The test results apply only to the test specimens. The laboratory is not responsible for the accuracy of the data provided by the applicant in the accompanying documents.</p>	

Head of Laboratory:
/ Dr. Ts. Aleksandrova

14. Test results


1. Physicochemical indicators

Reg. No.	Type of the sample	Tested indicator / units	Methods	Value and limits of the indicator	Test results Uncertainty +/- U	Conditions of the analyses
18639/ 240434	Honey and bee products – honeydew bee honey, production: 09.08.2023	Moisture %	Ordinance 48/11.11.03 p.3	Industrial bee honey from <i>Calluna vukgaris</i> ≤ 25.0; mix of bee honey from <i>Calluna vukgaris</i> and any industrial bee honey ≤ 23.0; all other bee honeys ≤ 20.0	16.4 ± 0.3	20°C
		Total content of glucose and fructose %	Ordinance 48/11.11.03 p.2	Nectar bee honey ≥ 60.0; honey dew honey and mixed honeys ≥ 45.0	62.9 /glucose 28.5; fructose 34.4/ ± 2.1	22° ± 2°C
		Sucrose %	Ordinance 48/11.11.03 p.2	Honey from <i>R. pseudoacacia</i> , <i>Medicago sativa</i> , <i>Banksia menziesii</i> , <i>Hedysarum</i> , <i>Eucalyptus camadulensis</i> , <i>Eucrichia</i> , <i>Cytrus spp.</i> ≤ 10.0; Lavender and Borago ≤ 15.0; all other ≤ 5.0	< 0.5	22° ± 2°C
		Diastase activity ShadeUnits	Ordinance 48/11.11.03 p.7	Bee honey with natural low enzyme content (<i>Cytrus spp.</i>) ≥ 3.0; all other ≥ 8.0	38.06 ±1.51	22° ± 2°C
		Conductance mS/cm	Ordinance 48/11.11.03 p.5	Honey dew honey from <i>Arbutus sp.</i> , <i>Erica sp.</i> , <i>Eucalyptus sp.</i> ,	1.075 ±0.016	22° ± 2°C

				<p><i>Tilia</i> sp., <i>Quitch</i> grass, <i>Calluna</i> sp., <i>Leptospermum</i> sp., <i>Mellaleuca</i> spp. –not normed; honey dew honey, chestnut honey and mxes of them ≥ 0.8; all other bee honeys ≤ 0.8</p>		
		<p>HMF mg/1000 g Winkler</p>	<p>Ordinance 48/11.11.03 p.8</p>	<p>Bee honeys from declared geographical regions with tropic climate ≤ 80.0; non warmed ≤ 10.0; all other bee honeys ≤ 40.0</p>	<p>8.64 ± 0.49</p>	<p>22° \pm 2°C</p>

Tested by: 
/ G. Radkova /

Chief Expert: 
/Dr. Ts. Aleksandrova/

Head of Laboratory: 
/Dr. Ts. Aleksandrova/

