



		Sample No.				
		Sample No.1 (description)				
		Sample No.2 (description)				
		Sample No.3 (description)				
		Sample No.4 (description)				
		Sample No.5 (description)				
Code	Analysis	status 09/2023				
<b>1. chemical-physical parameters</b>						
15100	citric acid					
10200	colour					
10500	conductivity/ pH-value					
10100	diastase (activity)					
13600	ethanol					
11000	F/G ratio					
36300	formic acid					
11500	free acids/ acidity					
10600	glycerine					
10000	HMF					
13111	lumichrome (cornflower honey)					
13100	methylanthranilate (orange blossom honey)					
16002	Methylglyoxal(MGO)+Dihydroxyacetone(DHA)(manuka honey)					
10400	moisture					
36100	oxalic acid					
13112	perseitol (avocado honey)					
13000	proline					
10300	saccharase (activity)					
11800	starch					
11001	sugar spectrum (6 substances)					
11300	thixotrophy (heather honey)					
11400	water-insoluble content					
11700	yeast					
<i>packages</i>		<i>for package details consult the service list</i>				
145	beekeeper special (10400,10000,10500)					
105	trade analysis 1 (10400,10100,10000)					
106	trade analysis 2 (10400,10100,10000,10300)					
112	trade analysis 3 (10400,10100,10000,10300,11000)					
135	trade analysis 4 (10400, 10300, 10000, 200)					
136	trade analysis 5 (10400,10100,10000,10200,10500)					
155	trade analysis 7 (10400, 10300, 10000)					
156	trade analysis 8 (10400,10100,10000,11000)					
159	trade analysis 10 (code: 10400, 10300, 10000)					
190	trade analysis 11 (code: 10400, 10300, 10000)					
134	moisture, saccharase (activity)(code: 10400, 10300)					
200	type of honey specification 1					
235	type of honey specification1 + moisture					
236	type of honey specification1 + moisture + saccharase					
201	type of honey specification 2					
202	type of honey specification 3					
203	type of honey specification 4 fir honey, pine honey					
204	type of honey specification 5 canola; acacia					
205	type of honey specification 6 cornflower					
206	type of honey specification 7 orange blossom					
207	type of honey specification 8 calluna					
208	type of honey specification 9					
210	type of honey specification 11					
<b>2. antibiotics/ pharmacological active substances</b>		<b>Sample</b>				
25000	Aminoglycosides (Streptomycin, Dihydrostreptomycin)					
26000	Amphenicoles (3 substances)					
27000	Chinolones (14 substances) 0,005mg/Kg					
27007	Chinolones (14 substances) 0,002 mg/Kg					
13500	Dapsone					
24000	Macrolides (9 substances) 0,005mg/Kg					
24005	Macrolides (9 substances) 0,002 mg/Kg					
22000	Nitrofurammetabolites (5 substances)					
42000	Nitroimidazoles (4 substances)					
21004	Sulfonamides (20 substances) 0,005mg/Kg					
21010	Sulfonamides (20 substances) 0,002 mg/Kg					
20000	Tetracyclines (5 substances) 0,005mg/Kg					
20009	Tetracyclines (5 substances) 0,002mg/Kg					
<i>packages</i>		<i>for package details consult the service list</i>				
107	antibiotics 1 (27000,24000,20000)					
108	antibiotics 2 (25000,21004,20000)					
109	antibiotics 3 (27000,24000)					

Date, Signature:



Sender / address / E-Mail / VAT. ID. (from EU countries only):

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Code	Analysis	status 09/2023
163	antibiotics 5 (26000,22000,42000)	
175	antibiotics XL (5ppb 25000,21004,20000,27000,24000)	
271	antibiotics XL (2ppb 21010,20009,27007,24005)+25000	

**3. residues**

33000	Amitraz LOD 0,01 mg/Kg
33005	Amitraz LOD 0,005 mg/Kg
128	Bee repellents (6 substances)
33200	Cymiazole
32100	1,4-Dichlorbenzene 0,01 mg/Kg
32104	1,4-Dichlorbenzene 0,005 mg/Kg
60100	Glyphosate + Glufosinate
12203	Neonicotinoïdes (7 substances)
40000	Pesticides GC ( 23 substances) typical for honey
41000	Pesticides LC (64 substances) typical for honey
12000	Phenol
30000	Pyrethroids ( 6 substances)
46000	Pyrrrolizidinalcaloids (35 substances)
31000	veterinary drugs ( 4 substances)
46050	Tropanalcaloids (5 substances)

**packages**

137	Pesticides 1 (40000,41000)
147	Pesticides 2 (41000,12203)
174	Pesticides XL (40000,41000,12203,31000,30000)
177	Bee repellents and 1,4 Dichlorobenzene
500	Pesticides XXL (>700 substances)
508	specific analytics of pesticides max. 10 subst. from code 500
509	specific analytics of pesticides max. 10 subst. relev. spectrum for bee prod.
550	Pyrrrolizidin-/Tropanalcaloids (46000,46050)
103	Veterinary drugs 1 (31000, 40000)
104	Veterinary drugs 2 (31000,40000,30000)

**4. authenticity/ adulteration**

951	addition of HMF-LESS products
952	addition of Diastase-PLUS products
37000	13C isotopic analytics (honey + protein, C4-sugar detection)
37044	13C isotopic analytics (sugar fractions)
37002	activity of $\beta$ -Fructofuranosidase
30016	activity of $\beta$ -Amylase / gamma-Amylase
37022	activity of honeyforeign alpha-Amylase
38200	activity of heatstable Amylases
37012	caramel colouring (E150 c/d)
38401	Difrutoseanhydride
37009	honey foreign oligosacharides
38321	LC-HRMS marker (4 substances) 4 Phosphatidylcholines
380	LC-HRMS authenticity screening foc. on C3 sugar products
38221	Mannose
37008	rice-syrup-marker (RSM)+ sugar beet syrup marker (SMB)

**packages**

850	AUTHENT-check (37000, 380)
921	13C EA/LC-IRMS (37000, 37044)
160	authenticity 1 (37002,37016)
161	authenticity 2 (37002,37016,37009)
162	authenticity 3 (37002,37016,37009,37008)
176	authenticity 4 (37000,37002,37016,37009)
185	authenticity 4 + heat stable amylases (38200)
186	authenticity 5 ( marker based; 11 substances)

**5. metals/ elements**

51000	sample preparation
50200	arsenic
50400	cadmium
50500	chrome
50100	iron
50300	lead
50600	mercury
50700	zinc

**packages**

701	Heavy metals 1 (50300,50400,50600,51000)
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No.1	No.2	No.3	No.4	No.5

**Sample**

*for package details consult the service list*

**Sample**

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Code Analysis status 09/2023

**6. genetically modified organism (GMO)**

47000	sample preparation (pollen- / DNA extraction + clean-up)
47050	screening 1 (35S/NOS/FMV)
47055	screening 2 (BAR/PAT)
47059	<b>COMBI - TEST</b> Triplex 35S(corn MON810-corn T25-CaMV)

*single events*

47138	GOX (canola GT73+ canola GT200)
47104	CaMV
47145	figwort mosaic virus promotor

*single events "corn"*

47124	corn Bt176
47137	corn DP09814-6
47116	corn MON 810
47118	corn T25
47132	corn 3272
47139	corn MON 87460

*single events "canola"*

47133	canola MS8
47134	canola Rf3

*single events "soy"*

47108	soy Round-up Ready
47109	soy Round-up Ready-2 Yield
47144	soy DAS 81419
47140	soy DP305423-1
47141	soy BPS-CV127
47142	soy MON 87705
47143	soy MON 87008

**7. NMR-Analytik by Honey-Profiling TM (3.1 specifications)**

150	NMR-authenticity
151	NMR authenticity and geographical /botanical origin
152	NMR-authenticity and 15 honey relevant parameters (screening)
153	NMR-authenticity, geographical/ botanical origin and 15 honey relevant parameters
154	NMR-full service incl. 38 further parameters

*packages*

99500	Batch check, Information about comparability to first sample
192	NMR Manuka-authenticity

**8. microbiology**

70160	sample preparation
70164	aerobic sporeforming
70169	coliform germs
70168	e-Coli
70162	enterobacteria
70199	listeria monocytogenes
70161	total aerobic mesophyll bacteria count
70166	mold
70163	salmonella
70198	staphylococcus (coagulase positive)
70165	sulfite-reducing clostridia
70167	yeasts

**9. additional specific services**

423	chlorate/ perchlorate
760	Declaration
41850	Dithiocarbamates
29201	Perfluoralkyl substances (PFAs) (14 substances)
41800	Polychlorinated biphenyls (PCBs) a) (6 substances)
46030	Polycyclic aromatic hydrocar. (PAHs)(16 subst., EPA-meth)
70215	quaternary ammonium compounds (9 substances)

**10. bee diseases**

905	European Foulbrood <sup>au)</sup>
906	American Foulbrood <sup>au)</sup>

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No.1 No.2 No.3 No.4 No.5

**Sample**


*sample*


*sample*


*sample*


*sample*


**Sample**


*for package details consult the service list*


**Sample**


**Sample**


**Sample**
