

**1. chemical-physical parameters**

code	description	technology	LOQ
15100	citric acid <sup>a)</sup>	enzymatic	20 mg/Kg
10200	colour <sup>a)</sup>	hanna	1mm
10500	conductivity/pH-value <sup>a)</sup>	electrode	---
10100	diastase (activity) <sup>a)</sup>	enzymatic	3 U/Kg
13600	ethanol <sup>a)</sup>	enzymatic	30 mg/Kg
11000	F/G ratio <sup>a)</sup>	enzymatic, calculated	---
36300	formic acid <sup>a)</sup>	enzymatic	20 mg/Kg
11500	free acids <sup>a)</sup>	titration	1 mmol/Kg
10600	glycerine <sup>a)</sup>	enzymatic	30 mg/Kg
10000	HMF <sup>a)</sup>	LC	1 mg/Kg
13111	lumichrome (cornflower honey) <sup>a)</sup>	LC-MS/MS	0,5 mg/kg
13100	methylanthranilate (orange blossom honey) <sup>a)</sup>	LC	0,1 mg/Kg
16002	methylglyoxal (manuka honey)	NMR	30 mg/Kg
10400	moisture <sup>a)</sup>	refractometry	12%
36100	oxalic acid <sup>a)</sup>	enzymatic	15mg/Kg
13112	perseitol (avocado honey) <sup>a)</sup>	LC-MS/MS	0,2%
13000	proline <sup>a)</sup>	photometric	10 mg/kg
10300	saccharase (activity) <sup>a)</sup>	enzymatic	5 U/Kg
11800	starch <sup>a)</sup>	microscopy	1%
11001	sugar spectrum (6 substances) <sup>a)</sup> erlose, fructose, glucose, sucrose, maltose, melezitose	LC	1%
11300	thixotrophy (heather honey) <sup>a)</sup>	Thixotrophy (Louveaux)	---
11400	water-insoluble content	gravimetry	0,04 g/100g
11700	yeast <sup>a)</sup>	microscopy	---
	<b>packages</b>	<b>description</b>	
145	beekeeper special (code: 10400, 10000, 10500)	moisture, HMF, conductivity/pH-value	
105	trade analysis 1 (code: 10400, 10100, 10000)	moisture, diastase, HMF	
106	trade analysis 2 (code: 10400, 10100, 10000, 10300)	moisture, diastase, HMF, saccharase (activity)	
112	trade analysis 3 (code: 10400, 10100, 10000, 10300, 11000)	moisture, diastase, HMF, saccharase (activity), F/G-ratio	
136	trade analysis 5 (code: 10400, 10100, 10000, 10200, 10500)	moisture, diastase (activity), HMF, colour, conductivity/pH-value	
156	trade analysis 8 (code: 10400, 10100, 10000, 11000)	moisture, diastase (activity), HMF, F/G-ratio	
159	trade analysis 10 (code: 10400, 10300, 10000)	moisture, saccharase (activity), HMF	
200	type of honey specification 1	pollen analysis, conductivity/pH-value, sensoric	
201	type of honey specification 2	pollen analysis incl. geographical origin, conductivity/pH-value, sensoric	
202	type of honey specification 3	pollen analysis incl. geographical origin, conductivity/pH-value, sensoric, yeast, starch	
203	type of honey specification 4 fir honey; pine honey	conductivity/pH-value, colour, sensoric, honeydew elements	

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204	type of honey specification 5 rapeblossom; acaciablossom	pollenanalysis, conductivity/pH-value, colour, sensoric, F/G-ratio
205	type of honey specification 6 cornflower	pollenanalysis, conductivity/pH-value, sensoric, lumichrome

### 2. antibiotics/ pharmacologically active substances

code	description	technology	LOQ
25000	Aminoglycosides <sup>a)</sup> Streptomycin	LC-MS/MS	0,005 mg/Kg
26000	Amphenicoles (3 substances) <sup>a)</sup> Chloramphenicol (CAP), Florfenicol, Thiamphenicol	LC-MS/MS	0,1 µg/kg (CAP) 0,5 µg/kg
27000	Chinolones (14 substances) <sup>a)</sup> Ciprofloxacin, Danofloxacin, Difloxacin, Enoxacin, Enrofloxacin, Fleroxacin, Flumequine, Lomefloxacin, Marbofloxacin, Norfloxacin, Ofloxacin, Oxolinic acid, Sarafloxacin, Sparfloxacin	LC-MS/MS	0,005 mg/Kg
13500	Dapsone <sup>a)</sup>	LC-MS/MS	0,5 µg/Kg
24000	Macrolides (9 substances) <sup>a)</sup> Azithromycin, Clarithromycin, Clindamycin, Erythromycin (as anhydride), Josamycin, Lincomycin, Spiramycin, Tilmicosin, Tylosin	LC-MS/MS	0,005 mg/Kg
22000	Nitrofurantolins (4 substances) <sup>a)</sup> AOZ, AMOZ, AHD, SEM	LC-MS/MS	0,5 µg/Kg
42000	Nitroimidazoles (5 substances) <sup>a)</sup> Dimetronidazole, Iprnidazole, Metronidazole, Ronidazole	LC-MS/MS	0,5 µg/Kg
21004	Sulfonamides (20 substances) <sup>a)</sup> Ormethoprim, Trimethoprim, Succinylsulfathiazole, Sulfabenzamide, Sulfachlorpyridazine, Sulfaclozine, Sulfadiazine, Sulfadimethoxime, Sulfadoxine, Sulfamerazine, Sulfameter, Sulfamethazine, Sulfamethoxazole, Sulfamethoxypyridazine, Sulfamonomethoxime, Sulfamoxole, Sulfapyridine, Sulfaquinoxaline, Sulfathiazole, Sulfisoxazole	LC-MS/MS	0,005 mg/Kg
20000	Tetracyclines (5 substances) <sup>a)</sup> Chlortetracycline, Demeclocycline, Doxycycline, Oxytetracycline, Tetracycline	LC-MS/MS	0,005 mg/Kg
	<b>packages</b>	<b>description</b>	
107	antibiotics 1 (code: 27000, 24000, 20000)	Chinolones, Macrolides, Tetracyclines	
108	antibiotics 2 (code: 25000, 21004, 20000)	Aminoglycosides, Sulfonamides, Tetracycline	
109	antibiotics 3 (code: 27000, 24000)	Chinolones, Macrolides	
163	antibiotics 5 "banned substances" (code: 26000, 22000, 42000)	Amphenicoles, Nitrofurantolins, Nitroimidazoles	
175	antibiotics XL (code: 25000, 21004, 20000, 27000, 24000)	Aminoglycosides, Sulfonamides, Tetracycline, Chinolones, Macrolides	

### 3. residues

code	description	technology	LOQ
111	Amitraz <sup>a)</sup>	GC-MS	0,01 mg/Kg
33005	Amitraz <sup>a)</sup>	GC-MS	0,005 mg/Kg
128	Bee repellents (6 substances) <sup>a)</sup> Benzaldehyde, Naphthalene, Nitrobenzene, Phenol,	GC-MS	depending on

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	Phenylacetaldehyde, Thymol		analyte
33200	Cymiazole <sup>a)</sup>	LC-MS/MS	0,01 mg/kg
32100	1,4-Dichlorbenzene <sup>a)</sup>	GC-MS	0,01 mg/Kg
32104	1,4-Dichlorbenzene <sup>a)</sup>	GC-MS	0,005 mg/Kg
60100	Glyphosate <sup>a)</sup>	LC-MS/MS	0,01 mg/Kg
12203	Neonicotinoides (7 substances) <sup>a)</sup> Acetamiprid, Clothianidin, Dinetefuran, Imidacloprid, Nitenpyram, Thiacloprid, Thiamethoxam	LC-MS/MS	0,01 mg/Kg
40000	Pesticides GC (23 substances) <sup>a)</sup> -typical for honey- Acrinathrin, Cekafix, cis-/trans-Chlordan, Chlorpyrifos, Chlorpyrifos-methyl, Dicolfol, Dieldrin, $\alpha$ - $\beta$ - $\gamma$ - $\delta$ -HCH Heptachlor, Fipronil, Flumethrin, Folpet, Iprodione, Malathion, Methoxychlor, Phosalone, Phthalimid, Tetradifon, Vinclozolin	GC-MS	0,01 mg/Kg
41000	Pesticides LC (61 substances) <sup>a)</sup> -typical for honey- Aldicarb, Atrazin, Azoxystrobin, Boscalid, Carbendazim, Chlorfenvinphos, Clomazon, Cyprodinil, DEET, Diazinon, 2,4 Dichlorphenoxyaceticacid, Difenconazol, Dimethoat, Dimethomorph, Dimoxystrobin, Epoxiconazol, Ethofumesat, Etofenprox, Fenhexamid, Fenoxycarb, Fenpropimorph, Flonicamid, Fluazifopbutyl, Fluazinam, Fludioxonil, Flumioxacin, Fluopicolide, Fluopyram, Haloxyfop-etotyl, Haloxyfop-methyl, Iprovalicarb, Isoproturon, Kresoxim-methyl, MCPA, Mandestrobin, Metalaxyl, Metconazol, Methiocarb, Metolachlor, Metrafenon, Myclobutanil, Pendimethalin, Pirimicarb, Prochloraz, Propamacarb, Propargit, Prosulfocarb, Prothioconazol, Pyraclostrobin, Pyrimethanil, Spinosad A, Spinosad D, Tebuconazol, Tebufenozid, Terbutylazin, Thifensulfuron-Methyl, Thiophanat-methyl, Trichlorfon, Trifloxystrobin, Triflumoron, Tolyfluanid	LC-MS/MS	0,01 mg/Kg
12000	Phenol <sup>a)</sup>	LC	0,03 mg/Kg
30000	Pyrethroids (6 substances) <sup>a)</sup> Cyfluthrin, Iamda-Cyhalothrin, Cypermethrin, Deltamethrin, Fenvalarate, Permethrin	GC-MS	0,01 mg/Kg
46000	Pyrrolizidinalcaloids (28 substances) <sup>a)</sup> Echimidin, Echimidin-N-oxid, Erucifolin, Erucifolin-N-oxid, Europin, Europin-N-oxid, Intermedin, Indicin-N-oxid/Intermedin-N-oxid, Heliotrin, Heliotrin-N-oxid, Lasiocarpin, Lasiocarpin-N-oxid, Lycopsamin/Indizin, Lycopsamin-N-oxid, Monocrotalin, Monocrotalin-N-oxid, Retrorsin, Retrorsin-N-oxid, Senecionin/Seneciverin, Senecionin-N-oxid, Seneciphyllin, Seneciverin-N-oxid, Seneciphyllin-N-oxid, Senkirkin, Trichodesmin	LC-MS/MS	1 $\mu$ g/Kg 10 $\mu$ g/Kg PA-N-oxide
31000	veterinary drugs (4 substances) <sup>a)</sup> Coumaphos, Fluvalinate, Dibrombenzophenone, Brompropylate	GC-MS	0,01 mg/Kg
46050	Tropanalcaloids (5 substances) <sup>a)</sup> Anisodamin, Atropin, Atropin-N-oxid, Norscopolamin, Scopolamin	LC-MS/MS	5 $\mu$ g/Kg 1 $\mu$ g/Kg Atropin and Scopolamin
	<b>packages</b>	<b>description</b>	
137	pesticides 1 (typical for honey) (code: 40000, 41000)	Pesticides GC, Pesticides LC	
147	pesticides 2 (typical for honey) (code: 41000, 12203)	Pesticides LC, Neonicotinoides	

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174	Pesticides XL (typical for honey) (code: 40000, 41000, 12203, 31000)	Pesticides GC, Pesticides LC, Neonicotinoides, veterinary drugs
500	Pesticides XXL(>600 substances) <sup>aU)</sup>	Pesticides GC-MS/MS, LC-MS/MS
550	Pyrrolizidin-/Tropanalcaloids (code: 46000, 46050)	Pyrrolizidinalcaloids, Tropanalcaloids
103	veterinary drugs 1 (code: 31000, 40000)	veterinary drugs, Pesticides GC
104	veterinary drugs 2 (code: 31000, 40000, 30000)	veterinary drugs, Pesticides GC, Pyrethroids

### 4. authenticity/ adulteration

code	description	technology	LOQ
37000	<sup>13</sup> C isotopic analytics <sup>a)</sup> honey + protein, C4-sugar detection	EA-IRMS (AOAC 998.12)	1% C4-sugar
	arsenic <sup>a)</sup> , see table 5 (metals/elements)	ICP-MS	---
37002	activity of $\beta$ -Fructofuranosidase <sup>a)</sup>	LC	pos./neg.
37017	activity of $\beta$ -Amylase	LC	pos./neg.
37003	activity of gamma-Amylase <sup>a)</sup>	LC	pos./neg.
37022	activity of honeyforeign alpha -Amylase	enzymatic	pos./neg.
38200	activity of heatstable Amylases	enzymatic	pos./neg.
37012	caramel colouring (E150c/d) <sup>a)</sup>	LC-MS/MS	pos./neg.
38401	Difructoseanhydride <sup>a)</sup>	LC-MS/MS	1mg/kg
37009	honey foreign oligosacharides <sup>a)</sup> honey foreign oligosacharides/ psicose	LC	pos./neg. (0,05% psicose)
38321	LC-HRMS marker (4 substances) <sup>a)</sup> 4 Phosphatidylcholines	LC-MS/MS	---
38000	LC-HRMS authenticity screening <sup>a)</sup>	LC-HRMS	---
	NMR authenticity, see table 7 (NMR analytics)	NMR	---
38221	Mannose <sup>a)</sup>	LC	0,05mg/kg
37008	Rice-syrup-marker (RSM) <sup>a)</sup> and sugar beet syrup marker (SMB) <sup>a)</sup> Glycosylisomaltol, 3- Methoxytyramin	LC-MS/MS	RSM: 5 mg/kg SMB: 0,005 mg/kg
	<b>packages</b>	<b>description</b>	
160	adulteration 1 (code: 37002, 37017, 37003)	activity of $\beta$ -Fructofuranosidase, $\beta$ -Amylase, gamma-Amylase	
161	adulteration 2 (code: 37002, 37017, 37003, 37009)	activity of $\beta$ -Fructofuranosidase, $\beta$ -Amylase, gamma-Amylase, honey foreign oligosaccharides	
162	adulteration 3 (code: 37002, 37017, 37003, 37009, 37008)	activity of $\beta$ -Fructofuranosidase, $\beta$ -Amylase, gamma-Amylase, honey foreign oligosaccharides, RSM	
176	adulteration 4 (code: 37000, 37002, 37017, 37003, 37009)	<sup>13</sup> C isotopic analytics, activity of $\beta$ - Fructofuranosidase, $\beta$ -Amylase, gamma- Amylase, honey foreign oligosaccharides	
185	adulteration 4 plus heat stable amylases (code: 37000, 37002, 37017, 37003, 37009, 38200)	<sup>13</sup> C isotopic analytics, activity of $\beta$ - Fructofuranosidase, $\beta$ -Amylase, gamma- Amylase, honey foreign oligosaccharides heatstable Amylase	

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186	adulteration 5 ( marker based; 11 substances) (code: 38321, 38221, 38401, 37009, 37008, 37012)	4 LC-HRMS marker (Phosphatidylcholine), Mannose, Diffructoseanhydride, Psicose, Glycosylisomaltol (RSM), 3-Methoxytyramin (SMB), Fremdligosaccharides, E150
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### 5. metals /elements

code	description	technology	LOQ
50000	sample preparation <sup>2)</sup>	acid hydrolysis	---
code	description	technology	LOQ
50200	arsenic <sup>a)</sup>	ICP-MS	0,01 mg/kg
50400	cadmium <sup>a)</sup>	ICP-MS	0,02 mg/kg
50300	lead <sup>a)</sup>	ICP-MS	0,02 mg/kg
50600	mercury <sup>a)</sup>	ICP-MS	0,005 mg/kg
	packages	description	
701	Heavy metals 1 <sup>a)</sup> (code: 50300, 50400, 50600, 50000)	lead, cadmium, mercury incl. acid hydrolysis	

Further metals/ elements on request

### 6. genetically modified organism (GMO)

code	description	analysis	LOQ
screening			
47000	sample preparation <sup>1)</sup>	pollen extraction/ DNA extraction + clean-up	---
47050	screening 1 <sup>a)</sup>	35S/NOS/FMV	10 copies
47055	screening 2 <sup>a)</sup>	BAR/PAT	5 copies
single events			
47138	GOX (canola GT73 + canola GT200) <sup>a)</sup>	detection of glyphosatresistance-genes	5 copies
47104	CaMV <sup>a)</sup>	detection of the nat. cauliflower mosaic virus	5 copies
47145	figwort mosaic virus promotor	detection of the nat. figwort mosaic virus	5 copies
single events „corn“			
47124	corn Bt176 <sup>a)</sup>	SYN-EV176-9	5 copies
47137	corn DP09814-6 <sup>a)</sup>	DP- 098140-6	5 copies
47116	corn MON810 <sup>a)</sup>	MON810 corn (MON-00810-6 )	5 copies
47118	corn T25 <sup>a)</sup>	T25 corn (ACS-ZM003-2)	5 copies
47132	corn 3272 <sup>a)</sup>	SYN-E3272-5	5 copies
47139	corn MON 87460 <sup>a)</sup>	MON-87460-4	5 copies
single events „canola“			
47111	canola GT73 <sup>a)</sup>	GT73 canola (MON-00073-7)	5 copies

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47133	canola MS8 <sup>a)</sup>	MS8 canola (ACS-BNØØ5-8)	5 copies
47134	canola Rf3 <sup>a)</sup>	Rf3 canola (ACS-BNØØ3-6)	5 copies
<b>single events „soy“</b>			
47108	soy Round-up Ready <sup>a)</sup>	Round-up Ready soy (MON-Ø4Ø32-6)	5 copies
47109	soy Round-up Ready-2 Yield <sup>a)</sup>	Round-up Ready 2 Yield soy (MON-89788-1)	5 copies
47144	soy DAS 81419 <sup>a)</sup>	DAS-81419-2	5 copies
47140	soy DP3Ø5423-1 <sup>a)</sup>	DP-3Ø5423-1	5 copies
47141	soy BPS-CV127 <sup>a)</sup>	BPS-CV127-9	5 copies
47142	soy MON 877Ø5 <sup>a)</sup>	MON-877Ø5-6	5 copies
47143	soy MON 87ØØ8 <sup>a)</sup>	MON-877Ø8-9	5 copies
	<b>combi- test</b>	<b>description</b>	
47Ø59	Triplex 35S <sup>a)</sup>	corn MON81Ø - corn T25 - CaMV	

### 7. NMR- analytics by Honey-Profiling™ (2.0 specifications)

code	description	explanation
150	NMR-authenticity	1. verification of foreign sugars 2. uni-/ multivariate statistics
151	NMR-authenticity and geographical/ botanical origin 20 different origins 12 different monofloral varieties	<b>code 150</b> plus 1.verification of the geographical origin <b>model continent:</b> Europe, Eastern Asia, South America, Central America <b>model country:</b> Argentina, Brazil, Bulgaria, Chile, China, Cuba, France, Germany, Guatemala, Hungary, India, Mexiko, New Zealand, Romania, Spain, Thailand, Turkey, Ukraine, Uruguay, Vietnam 2.verification of the botanical origin <b>model type of honey:</b> Acacia, Blossom, Chestnut, Eucalyptus, Heather, Honeydew, Lavender, Linden, Manuka, Orange, Pine, Rape, Sunflower, Vitex
152	NMR-authenticity and 14 honey relevant parameters (screening)	<b>code 150</b> plus acetic acid, citric acid, ethanol, formic acid, fructose, F/G, F+G, glucose, hydroxymethylfurfural (HMF), lactic acid, maltose, melezitose, proline, sucrose
153	NMR-authenticity, geographical/ botanical origin and 14 honey relevant parameters (screening)	<b>code 151</b> plus acetic acid, citric acid, ethanol, formic acid, fructose, F/G, F+G, glucose, hydroxymethylfurfural (HMF), lactic acid, maltose, melezitose, proline, sucrose
154	NMR-full service incl. 38 quality parameters (screening)	<b>code 152</b> plus acetic acid, acetoin, alanine, aspartic acid, 2,3-butanediol, citric acid, dihydroxyacetone (DHA), ethanol, formic acid, fructose, F/G,

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		F+G, fumaric acid, gentiobiose, glucose, glutamine, hydroxymethylfurfural (HMF), kynurenic acid, lactic acid, leucine, malic acid, maltose, maltotriose, mannose, melezitose, methylglyoxal (MGO), phenylalanine, 3-phenyllactic acid, proline, pyruvic acid, quinic acid, raffinose, shikimic acid, succinic acid, sucrose, turanose, tyrosine, valine
	<b>packages</b>	<b>description</b>
192	NMR Manuka – authenticity	NMR-authenticity and geographical / botanical origin (code 151) plus MGO (Methylglyoxal) plus Dihydroxyacetone

### 8. microbiology

code	description	technology	LOQ
70160	sample preparation <sup>3)</sup>	---	---
code	description	technology	LOQ
70164	aerobic sporeforming	ASU L 00.00-88 (§ 64 LFGB)	---
70169	coliforme germs	ASU L 01.00-3 (§64 LFGB)	10 cfu/g
70168	E-Coli	ISO 16649-2	10 cfu/g g
70162	enterobacteria <sup>aU)</sup>	ASU L 00.00-133/2 (§64 LFGB)	10 cfu/g
70199	listeria monocytogenes <sup>aU)</sup>	ISO 11290-1	pos./neg./25g
70161	total aerobic mesophyll bacteria count	ASU L 00.00-88/2 (§64 LFGB)	10 cfu/g
70166	mold	ASU L 01.00-37 (§64 LFGB)	10 cfu/g
70163	salmonella <sup>aU)</sup>	ASU L 00.00-98 (§64 LFGB)	pos./neg./25g
70198	staphylococcus (coagulase positive) <sup>aU)</sup>	ASU L 00.00-55 (§64 LFGB)	100 KBE/g
70165	sulfite-reducing clostridia <sup>aU)</sup>	ASU L 06.00-39 (§64 LFGB)	10 cfu/g
70167	yeasts	ASU L 01.00-37 (§64 LFGB)	10 cfu/g

### 9. additional specific services

code	description	technology	LOQ
423	chlorate/ perchlorate <sup>a)</sup>	LC-MS/MS	0,01mg/Kg
760	Declaration	---	---
41850	Dithiocarbamates <sup>aU)</sup>	GC-MS	0,01 mg/Kg
29201	Per- and polyfluorinated compounds (PFCs) <sup>a)</sup> (14 substances) Carboxylic acids (PFOA): Perfluorbutane,- pentane,- hexane,-heptane,-octane,-nonane,-decane,-undecane,- dodecane,-tridecane,-tetradecanoicacid Sulfonic acid (PFOS): perfluorbutansulfone,-	LC-MS/MS	1-2 µg/kg depending on analyt

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	hexansulfone,-octansulfonicacid		
41800	Polychlorinated biphenyls (PCBs) <sup>a)</sup> (6 substances) PCB 28,52,101,138,153,180	GC-MS/MS	1,0 µg/kg
46030	Polycyclic aromatic hydrocarbons (PAHs) <sup>a)</sup> (16 substances, EPA-method) <sup>a)</sup> Acenaphthalene, Acenaphthylene, Anthracene, Benzo(a)anthracene, Benzo(a)pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Dibenzo(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene	GC-MS	0,1µg/kg; 0,3µg/kg Naphthalene
70215	quaternary ammonium compounds <sup>a)</sup> (9 substances) BAC 8, BAC 10, BAC 12, BAC14, BAC 16, BAC 18, DDAC 8, DDAC 10, DDAC 12	LC-MS/MS	0,01mg/Kg

### 10. bee diseases

code	description	technology	LOQ
905	European Foulbrood <sup>aU)</sup> Peanibacillus alvei/ Mellissococcus plutonius	PCR	pos./neg.
906	American Foulbrood <sup>aU)</sup> Peanibacillus larvae	PCR	pos./neg.
907	Nosema spores <sup>aU)</sup>	microscopy	pos./neg.
908	Nosema ceranae <sup>aU)</sup>	PCR	pos./neg.
909	Nosema apis <sup>aU)</sup>	PCR	pos./neg.

## Additional specific analytical services for beepollen, royal jelly

### Beepollen

Further relevant analyses for beepollen (shown in the honey services) are also available

code	description	technology	LOQ
39000	Aflatoxins B1, G1, B1, G2 <sup>a)</sup>	LC-MS/MS	0,5 µg/kg
122	pollen analysis incl. botanical. origin <sup>a)</sup>	microscopy	---
138	pollen analysis incl. botanical. and geographical origin <sup>a)</sup>	microscopy	---
10413	water/ drymatter <sup>a)</sup>	gravimetry	---

### Royal jelly

code	description	technology	LOQ
13201	10-Hydroxydececanic acid (10-HDA)	LC	0,1 mg/kg
10403	water/ drymatter <sup>a)</sup>	gravimetry	---

<sup>a)</sup> accredited method

<sup>aU)</sup> accredited method by sub-order lab

note: for generating mix- samples there would be a standard price of €10/mixed sample charged (code 45998).

<sup>1)</sup> for GMO analysis, it is important to make the sample preparation first. Afterwards it is possible to analyze



