



HOLIVE LTD  
30 Psellou str.  
GR-54250 THESSALONIKI  
Greece

Date: 4-02-2014

### Product specification - Chemical Analysis

The analyses data presented below is according chemical analyses performed by our supplier-producer:

Product: **Thyme Honey**

Chem.-phy., microsc., sensoric analysis (220)  
Pollenanalysis, DIN 10760, compliance with EC-Honey Directive

(Method)	[Unit]	Result
Electr. conductivity (DIN 10753)	[mS/cm]	: 0,32
Predominant pollen 1	[%]	: keine/none
Predominant pollen 2	[%]	: keine/none
Secondary pollen 1	[%]	: 27(k 45) Thymus (Thymian, Thyme)
-Type		
Secondary pollen 2	[%]	: Ür 29(k 00) Castanea sativa (Edelkastanie, Chestnut) ü.r.
Secondary pollen 3	[%]	: keine/none
Minor pollen 1	[%]	: 11(k 00) Cistus spec. (Zistrose) (P)
Minor pollen 2	[%]	: 04(k 07) Erica (Erika, Heaths) -Type
Minor pollen 3 (Kleearten, Clover-Types)	[%]	: 08(k 13) Trifolium/Melilotus

#### Identified pollentypes :

Olea (Ölbaum, Olive) -Type (P); Trifolium repens (Weißklee, White Clover); Genista (Ginster, Petty Whin) -Type; Gleditsia (Gleditsie, Honey locust) -Type; Quercus ilex (Steineiche, Holm Oak) (P); Eucalyptus spec.; Taraxacum (Löwenzahn, Dandelion) -Type u.r.; unidentified Pollen; Restpollen;

HD-Elements, fungal spores *	: wenige/few
HD-Elements, waxwool *	: keine/none
HD-Elements, waxstrings *	: keine/none
Yeastcontent, estimation	: gering/low
Starchgrains ** : einige/some	
Other solid constituents	: honigtypisch/honey-specific
Type of honey, HoneyDir., Art.1, Annex I	: Blüten/Blossom
Botanical origin, HoneyDirective., Art 2, (2)	: <b>Thyme</b>
Geographical origin, HoneyDirective, Art. 2, (2)	: Greece
Odour	: trachttypisch / source-specific

Flavour : trachttypisch/source-specific  
Colour : trachttypisch/source-specific  
Consistency : kristallin/crystallized

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u.r. = underrepresented; o.r. = overrepresented

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

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 Thyme honey is in accordance with Art. 2 (2b) of the current EC-Honey Directive.

A declaration of the geographical origin Greece is consistent with the above determined pollen spectrum given current scientific research

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#### Chemical-physical analysis (162)

HMF, § 64 LFGB L 40.00-10/1 mod., Honey

Parameter	(Method)	[Unit]	Result
HMF (Hydroxymethylfurfural)	photom.	[mg/kg]	: 6,1

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#### Chemical-physical analysis (40260)

Adulteration, 13C-Isotope-Mass-Spectrometry (EA/IRMS), AOAC-method 998.12, Honey with protein

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Honey	[d-13C .]	: -24,6
Protein of honey	[d-13C .]	: -24,5
Difference protein-honey	[d-13C .]	: +0,1
C4-sugar-content	[approx. %]	: -
Adulteration with C4-sugar		: nicht verfälscht/ not adulterated

Accordance with EC Honey Directive : Speisehonig/  
Tablehoney

The determined value complies with the requirements of the European Directive 2001/110/EC for Speisehonig/Tablehoney .

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For Holive LTD

**HOLIVE LTD**  
30, M. Pselou str. PILEA  
542 50 THESSALONIKI GREECE  
TEL 800439254  
T: +30 2310 311550 F: +30 2310 390019

