

QSI GmbH - Flughafendamm 9a - D-28199 Bremen  
Honningcentralen SA

Dyrskuevegen 20  
2040 Kloefta  
NORWAY

Date: 28-Feb-2020

<b>Customer No.:</b>	<b>10544</b>	<b>Sample No.:</b>	<b>234689</b>
<b>Product:</b>	Honig/Honey		
<b>Label: Sample 7</b>			
Arrival Date:	26-Feb-2020	Start / End of Analysis:	26-Feb-2020 / 28-Feb-2020
Kind:	Norway Polyflora	Packaging:	Glas / glass
Seal:	ohne/without	Temp.:	RT

**VA161 (2019-07) Tradeanalysis: Moisture, HMF, Diastase, pH, Acidity, Honey-Directive**

Parameter	Method	Unit	Result
Moisture	ASU L40.00-2, 1992-12	%	16,0
HMF (Hydroxymethylfurfural)	ASU L 40.00-10/3, 2003-12mod.^	mg/kg	2,1
Diastase activity	ASU L 40.00-1, 2010-01 mod.^	DN Schade	32,9
pH-value	ASU L 40.00-6, 1996-02		5,2
Acidity*	ASU L 40.00-6, 1996-02	meq/kg	21,1
Accordance with EC Honey Directive			Speisehonig/table honey

Accredited method

\* if acidity is < 17 (or < 10 in specific honey types), proline content will be determined automatically

^Weighing, clarification with Carrez, HPLC conditions, ^^Weighing and amount of buffer; adaptation to Random Access Analyzer

**Conclusion:**

The determined values are in accordance with the requirements of Council Directive 2001/110/EC Annex II of 20. December 2001 relating to Speisehonig/table honey.

**ASU L 40.00-7 (1999-11) VA170 Analysis of honey: Determination of saccharides  
Fructose, Glucose, Sucrose, Turanose, Maltose, HPLC, mod.^**

Parameter	Unit	Result
Fructose*	g/100g	35,4
Glucose*	g/100g	28,8
Sucrose	g/100g	0,3
Turanose*	g/100g	2,2
Maltose*	g/100g	1,0
Trehalose	g/100g	n.n.
Isomaltose*	g/100g	1,6
Erlöse	g/100g	0,9
Melizitose	g/100g	0,5
Maltotriose*	g/100g	n.n.
F/G ratio		1,23
Sum Fructose+Glucose*	g/100g	64,2
Sum reducing sugars*	g/100g	69

Accredited method

n.n. = below loq (= 0,1g/100g), n.b. = not determined

\*Reducing sugars = Fructose, Glucose, Turanose, Maltose, Isomaltose, Maltotriose

^Extraction, HPLC conditions and analysed substances

Quality Services International GmbH

Version 0

  
 Jürgen Wehlitz  
 Test Manager  
 Food Chemist



This examination is the basis for special decision guidance.

The test results are exclusively related to the items tested for this sample in the above mentioned time frame for analysis. Method and measurement uncertainty details are available upon request. This report is allowed to be copied completely and unchanged but not in extracts.

Test Report No.: 210-508957 Version 0

Page: 2 of 2