



Niedersächsisches Landesamt
für Verbraucherschutz
und Lebensmittelsicherheit

■ Institut für Bienenkunde Celle

LAVES •
Institut für Bienenkunde – Herzogin-Eleonore-Allee 5 – 29221 Celle

Danmarks Biavlerforening
Asger Søgaard Jørgensen
Fulbyvej 15
4180 Sorø
Dänemark

worked on: Katharina von der Ohe
e-mail: katharina.von-der-ohe@laves.niedersachsen.de
Tel.: 05141-90503-58

reference number: 58.21-44123-KvdO

Test report for honey – No. CE 1517.2170

This report is related exclusively to the investigated criteria of the present sample.
It is not allowed to copy the report in parts.

Arrival of sample:	27.11.17	Declared geogr. origin:	Denmark
Packing:	original plastic container, 380 g	Declared bot. origin:	-
Label/identification:	Mærke 8, DBF kontrol 47058, Kronborg Vestre Birks B.F., 3230 Graested	Color:	dark beige, reddish
		Consistency:	complete crystallisation
Order:	3.2 pollen analysis	Aroma:	floral, aromatic -tart, refreshing, medium intensity
Test period:	29.11.17 – 22.01.2018	Pureness:	no objection

Analysis (Method)	Unit	Result
water (DIN10752 1992-05)	%	n.u.
el. conductivity (DIN10753 2000-12)	mS/cm	n.u.
invertase (DIN10759-1 2016-12)	U/kg	n.u.
diastase (MAA-M-Diastase Vers. 2 2015-02)	DN (Schade)	n.u.
HMF (DIN10751-3 2002-02)	mg/kg	n.u.
sugar spectrum (DIN10758 1997-05)		n.u.
fructose/glucose (DIN10758) 1997-05	relation	n.u.
saccharose (DIN10758 1997-05)	g/100g	n.u.

Pollen Analysis (DIN10760 2002-05 – Determination of the relative frequency of pollen)

Distribution of pollen of nectar producing plants (counted pollen grains..500 ..):

Phacelia (fiddle neck) 62%, Brassica napus-type (rape-type) 10%, Rosa multiflora-type (multiflora rose-type) 7%,
Pyrus-type (pomaceous fruit-type) 6%, Ailanthus (tree of heaven) 2%, further see enclosure P

Pollen of non-nectar producing plants: see enclosure P

Foreign pollen grains (not corresponding with declared origin): none

Honeydew elements: some fungi spores

Other components of sediment: some crystalline mass, few yeasts

n.n. = not detectable

n.u. = not analyzed

Judgement: HONNINGURT 62 % RAPS 10 %
ROSER 7 % STENFRVGT 6 %
SKYRAKKER 2 %

The present honey comes from different nectar sources and some honeydew. Pollen grains of fiddle neck are overrepresented in honey. One important nectar source (maybe also honeydew) is tree of heaven, which already influences the taste. The determined pollen spectrum gives no indication for a non-Danish origin.

22.01.2018

Katharina Janke
i.A. Martina Janke
(Prüfleitung / Laborleitung)

DAKKS
Deutsche
Akkreditierungsstelle
D-PL-14378-10-00

Hausanschrift:
Herzogin-Eleonore-Allee 5
D-29221 Celle

Telefon
(05141) 90503-40
Telefax
(05141) 90503-44

Internet:
www.laves.niedersachsen.de

Bankverbindung
Konto-Nr. 190 015 408 6 (BLZ 250 500 00)
Nordf. Landesbank Hannover
IBAN-Nr. DE84 2505 0000 1900 1540 86, SWIFT-BIC: NOLA DE 2H

Anlage P zu Prüfbericht / enclosure P to report:

CE 1517.2170

Liste der identifizierten Pollen / list of identified pollen grains:

T = Typ/type, * = nektarlos/nectarless (Systematik n. ZANDER, 2008)

Anacardiaceae	Rhus typhina / Essigbaum / horn sumach	HJORTETAKTRÆ
Apiaceae	Heracleum sphondylium / Wiesen-Bärenklau / hogweed	BJØRNEKLO
Apiaceae	Pastinaca / Pastinak / parsnip	PASTINAK
Aquifoliaceae	Ilex / Stechpalme / common holly	KRISTTORN
Araliaceae	Aralia-T. / Aralien-T. / angelica tree-t.	ARALIA
Asteraceae	Achillea-T. / Schafgarben-T. / yarrow-t.	RØLLIKE
Asteraceae	Aster-T. / Aster-T. / aster-t.	ASTERS
Asteraceae	Carduus-T. / Distel-T. / thistle-t.	TIDSEL
Brassicaceae	Brassica napus-Typ/ Raps-Typ / rape-type	RAPS
Brassicaceae	Sinapis-T. / Senf-T. / mustard-t.	SEMMEP
Buddlejaceae	Buddleja / Schmetterlingsstrauch / butterfly bush	SOMMERFUGLEBUSK
Crassulaceae	Dickblattgewächse Soncrop Family	STENVURTFAM.
Fabaceae	Melilotus / Steinklee / melilot	STENKLØVER
Fabaceae	Trifolium repens / Weißklee / white clover	HVIDKLØVER
Fabaceae	Vicia faba / Ackerbohne / broad bean	HESTE BØNNER
Fabaceae	Vicia villosa-T. / Zottel-Wicken-T. / fodder vetch-t.	SANDVIKKE
Fagaceae	Castanea sativa / Edelkastanie / sweet chestnut	SPISEKASTANJE
Hydrophyllaceae	Phacelia / Büschelschön / fiddle neck	HONNINGVURT
Oleaceae	Ligustrum / Rainweide / privet	LIGUSTER
Plantaginaceae*	Plantago* / Wegerich / plantain	VEJBRED
Polygonaceae	Fagopyrum esculentum / Buchweizen / buckwheat	BOGHVEDE
Ranunculaceae	Anemone-T.(*) / Windröschen-T. / windflower-t.	ANEMONE, - HØST
Rosaceae	Pyrus-T. / Kernobst-T. / pomaceous fruit-type	KERNEFRUGT
Rosaceae	Rosa* / Rosen / rose	ROSE
Rosaceae	Rosa multiflora-T. / Vielblütige Rose-T. / multiflora rose-t.	ROSER
Rutaceae	Ruta graveolens / Wein Raute / rue	RUDE
Simaroubaceae	Ailanthus / Götterbaum / tree of heaven	SKYRÆKKER
Tiliaceae	Tilia / Linde / lime	LINDETRÆ
Vitaceae	Parthenocissus / Wilder Wein / woodbine	VILDVIN