



Lesster Leow
P.O Box 10011
Kampala
Uganda

Accredited test laboratory by the German Accreditation Council (DAR) according to DIN ISO/ IEC 17025. This accreditation only applies to the inspection orders which are labelled with (a).

Test report No. HU 127/2008 a

Date: 24.07.2008

Our identity number: HU 127/2008
Product: pieces of combhoney
Your identify information/ charge: Honey (Gulu), Owner: Lesster Leow, Tel.: +256/776688668, Uganda / Harvest on May 2008
Sample receipt: 17.06.2008 **Package / amount:** Neutralglas / <500g, >250g
Sampling by: customer **Closing safety:** yes, paper tape
Start/end date analysis: 17.06.2008 / 27.06.2008

Inspection order: Physical quality control and cultivar identification

Findings:

Analyte	Method	Result
Moisture content (%)	DIN 10752 (a) (A) (Refraktometrisches Verfahren)	15,6
Electric conductivity (µS/cm)	DIN 10753 (a) (A)	1706
Invertase U/kg (minimum 64 U/kg)	DIN 10759-1 (a) (a) (after Siegenthaler)	59,0
5-(Hydroxymethyl)-2-furaldehyde (mg/kg)	DIN 10751-1 (a) (A) (after Winkler)	8,0
Diastase (DZ)	DIN 10750 (a) (A) (after Schade)	--
Free acid (mmol/kg)	DIN 10756 (a) (A) (after Williams)	--
Proline (mg/kg)	DIN 10754 (a) (A)	--
Thixotropy	Louveauxtest (a) (B)	--
Sediment (cmm at 10 g Honig)	DIN 10760 (a) (A)	normal
(A): DIN standard (B): Self-developed method It's only allowed to copy the complete test result. The inspection result only relates to the samples underlying this analysis.		

Mikroscopic analysis /Pollen analysis (if realized) and Assessing : see page 2



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Trait of the honey:

Cleanness: **no cause for complaint, pieces of combhoney**
Texture: **liquid**

Color: **brown**
Taste: **slightly smoky**

Mikroscopic analysis (DIN 10760 (a) (A))

Total number enumerated pollen: **629**

Pollen nectar delivering plants:

Very often (>45%): **Combretaceae**
Often (45-15%): **Myrtaceae**
Rare (<15-3%): **--**
Sporadic (<3%): **Campanulaceae, Trifolium pratense group, Plantago ssp., Caprifoliaceae, Cirsium ssp., Grewia ssp.**

Pollen nectarless plants: --

Pollen from abroad: --

Algae: --

Others: --

Honeydew Elements: --

Rust fungi spores: --

Assessing

The present honey is a blossom honey with greater nectar amounts from Combretum and Myrtaceae species.

The moisture content is low. The electrical conductivity is high, what means that the honey contains nectar from extrafloral nectaries.

The invertase activity is slightly reduced, HMF-value slightly increased.

So far as it was checked, the honey fulfils the requirements of the European honey legislation.

Notes: --

With best regards

Dr. Dr. Helmut Horn
Dipl.-Agrarbiologe, Dr.rer.nat., Dr.sc.agr./Prüfleiter



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