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Our reference no.	: PI2309040224		
Product	: Honey		
Sample description / Batch	: Ex.date 02/08/2026 - lot 2153123		
Sample received on / transported by	: 01.09.2023 via Parcel service	Seal	: Original filling
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Glass, twist off / 900g	Start / End of analysis	: 06.09.2023 / 12.09.2023

ANALYSIS REQUESTED: Determination of Psicose by LC-ELSD (000051)

Parameter	Result	Unit	Method
Psicose	4.94	%	PMDE01.341.02 (a)
<p>n.d.: not detected; limit of quantification (LOQ) = 0.10 % (Lit: Kämpf, B., 2018. Psicose, DLR Januar 2018, 15-19)</p> <p style="text-align: center;">SPECIFICATIONS OF PURE HONEY</p> <p style="text-align: center;">Psicose: n.d.</p> <p style="text-align: center;">Expanded measurement uncertainty is ± 0.02 % regarding a result of 0.10 % psicose</p> <p style="text-align: center;">(a) : accredited method. (na) : not accredited method.</p> <p style="text-align: center;">This document may only be reproduced in full. The results given herein apply to the submitted sample only.</p>			

Interpretation:

Psicose was detected in the investigated sample. According to current knowledge the presence of Psicose indicates an addition of sugar syrup. Therefore, the sample does not meet the requirements for pure honey (Council Directive 2001/110/EC from 20/12/2001).

Marvin Wellkamp
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