

Client:



Gardener
184 Cavan Road
5094 Dry Creek - South Australia
Australia

Your order no. 72587

Our reference no.	: PI1901070394		
Product	: Honey		
Sample description / Batch	: Intake #SGIH19118		
Sample received on / transported by	: 07.01.2019 via Parcel service	Seal	: none
Sample temp. when received / stored	: RT	Sampling	: Client
Packaging / Quantity	: Plastic container / 2 x ca. 170g	Start / End of analysis	: 11.01.2019 / 12.01.2019

ANALYSIS REQUESTED: 13C Isotope Analysis (EA-IRMS) C4 Sugar in Honey (101205)

Parameter	Result	Unit	Method
Protein (P)	-25.0	d13C(‰)	PM DE01_026 (a) ¹
Honey (H)	-25.3	d13C(‰)	PM DE01_026 (a) ¹
Difference (P - H)	0.3	d13C(‰)	PM DE01_026 (a) ¹
C4-sugar	0.0	%	PM DE01_026 (a) ¹

n.a.: not analyzed; n.d.: not detected; d13C value in permil. vs. V-PDB standard

SPECIFICATIONS

C4 < 7 %: the sample is not adulterated with C4 sugars;
 C4 >= 7 %: the sample is adulterated with C4 sugars

(a) : accredited method. (na) : not accredited method. (1) AOAC 998.12

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Interpretation:

The result does not indicate an addition of sugar issued from C4 plants (according to AOAC method 998.12; Journal of AOAC International 1995, revision March 1999, chapter 44, p. 27-30). Regarding the examined parameter the sample corresponds to the legal regulations. (2001/110/EC dated Dec. 20th, 2001; Article 1 connected with Annex II).

Dr. James Collins
 Responsible Scientist, MEarthSci