GfL Gesellschaft für Lebensmittel-Forschung mbH

Akkreditiertes Prüflaboratorium für Frucht- und Gemüsesäfte sowie verwandten Produkten

Accredited Laboratory for Fruit- and Vegetable Juices and related products

GfL · Landgrafenstraße 16 · D-10787 Berlin · Tel.: +49 (0)30 263 92 0.0 · Fax: +49 (0)30 263 92 0.25 · e-mail: info@gfl-berlin.com

REPORT

General Description

Reference:	SOURCHERRY
Customer:	DALMACONSULT d.o.o.
:	Poljicka cesta - Docine 1
:	HR 21310 Omis
Order:	brix, pesticides, heavy metals
Declaration:	sour cherries

Receipt:	07.07.2014
Taking:	delivered by GfL
Packing:	plastic vessel
Cond. of sample:	impeccable
Quantity:	ca. 500 g
GfL-Number:	2898/2014 Sample : 1
Analyt.Extent(F):	BX+PE+SM
Beginning of an.:	08.07.2014
End of analysis:	23.07.2014

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Chemical - physical Report

Brix (IFU Nr.8)	:		30.5
Brix, corrected (GfL-2052)	:		31.5
Titrable acid (pH 7 tart.a.)(IFU Nr.3	:	25.08	g/kg
Titrable acid (pH 8,1 cit.a.)(IFU Nr.3)	:	22.58	g/kg
Formol Number (IFU No. 30)	:	15.1	ml.1nOH/100g

Arsenic (ASU L 00.00-19)	not detectable < 0.020	mg/kg
Cadmium (ASU L 00.00-19)	not detectable < 0.001	mg/kg
Mercury (ASU L00.00-19)	not detectable < 0.010	mg/kg
Lead (ASU L 00.00-19)	not detectable < 0.005	mg/kg

Pesticides screening A (GC-MS/MS)*:	not detectable	
(ASU L 00.00-34, DFG S-19)	determination limit 0.010	mg/kg
Pesticides screening A (LC-MS/MS)*:	not detectable	
(ASU L 00.00-34, DFG S-19)	determination limit 0.005-0.010	mg/kg

DAkkS Deutsche Akkreditierungsstelle D-PL-17787-01-02

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C O M M E N T :

The sample shows a remarkably high brix level, which exceeds the typical range for sour cherries. Also the total acidity is high, whereas the formol number is on a low level as expected from samples from organic production.

The present sample corresponds to the regulations on maximum residue levels of pesticides (EC/396/2005) and the regulations on organic products (EC/834/2007) regarding to the mentioned results.

The contents of heavy metals are in line with the requirements of the regulation on contaminants (EC/1881/2006).

G f L

Gesellschaft für Lebensmittel-Forschung mbH

Mikko Hofmeister

Used not officially validated methods and remarks:

GfL-2052 Millies K. et al., Flüssiges Obst 51 (1984) S.629) / IFU Nr.8

* The results of pesticide analysis relate to the current list of substances (www.gfl-berlin.de/pdf). The mentioned determination limits are valid for the predominantly number of components. In single case they have to be taken from the list which is availabe from GfL. All pesticide results are calculated without recovery rate

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