

Cinnamon Becard Ltd.  
attn. Quality Department  
The Stables, Little Coldharbour Farm, Tong Lane, L  
TN3 8AD Kent  
GROSSBRITANNIEN

**Person in charge** Mrs D. Günther - 1731  
**Client support** Mrs D. Günther - 1731

Report date 25.11.2020  
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## Analytical report AR-20-JK-143668-01



### Sample Code 703-2020-00143438

<b>Reference</b>	Organic Chia seeds (Salvia Hispanica)
	Sampled by: Fred Mujuzi
	Date: 09.11.2020
<b>Lot-no.</b>	GC/032/11/2020
<b>Nr. of sample containers</b>	1
<b>Gross weight / volume</b>	588,2g
<b>Reception temperature</b>	room temperature
<b>Ordered by</b>	Quality Department
<b>Submitted by</b>	accounts department
<b>Sender</b>	DHL
<b>Packaging</b>	plastic can with screw closure
<b>Reception date time</b>	13.11.2020
<b>Start/end of analyses</b>	16.11.2020 / 25.11.2020

### TEST RESULTS

#### Preparation

<b>J3182</b>	<b>Purity (#)</b>		
Method :	DIN EN ISO 658:2002-08, PV 00393, Gravimetry		
Purity		99.97	%

#### Physical-chemical Analysis

<b>J3275</b>	<b>Moisture and volatile constituents (#)</b>		
Method :	EN ISO 665:2001-02, mod., PV 00386, Gravimetry		
<i>(Modification: Single analysis without repetition; Drying time 6 hours)</i>			
Moisture and volatile constituents		6.6	%

<b>J8308</b>	<b>Cadmium (Cd)</b>		
Method :	DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2017-12), ICP-MS		
<i>(Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed and Tobacco and tobacco products)</i>			
Subcontracted to Eurofins WEJ Contaminants GmbH, Hamburg, which is accredited for this test.			
Cadmium (Cd)		<0.01	* mg/kg

All information regarding the sample (except those recorded on site or at sample registration by Eurofins) have been provided by the client. This information can have an impact on the validity of the analytical results and the result assessment.

The results of examination refer exclusively to the checked samples.  
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Place of execution and place of jurisdiction is Hamburg - lower district court Hamburg HRB 917 32  
General Manager: Dr. Katrin Hoenicke  
VAT No.: DE127489506  
Hypovereinsbank (BLZ 207 300 17) Konto-Nr. 7000000250 SWIFT-BIC HYVEDEMM17  
IBAN DE56 2073 0017 7000 0002 50


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Akkreditierungsstelle  
D-PL-14251-01-00

**JCHG2 Mercury (Hg)**

Method : DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2017-12), ICP-MS  
 (Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed, tobacco and tobacco products)

Subcontracted to Eurofins WEJ Contaminants GmbH, Hamburg, which is accredited for this test.

Mercury [Hg] <0.005 \* mg/kg

**J8312 Arsenic (As)**

Method : DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2017-12), ICP-MS  
 (Modification: incl. ICP-MS/MS, extension of the analysis parameters, extension of the application scope to feed and Tobacco and tobacco products)

Subcontracted to Eurofins WEJ Contaminants GmbH, Hamburg, which is accredited for this test.

Arsenic (As) <0.1 \* mg/kg

**JJW2B Copper (Cu)**

Method : DIN EN ISO 17294-2 (2017-01), mod., CON-PV 01274 (2017-12), ICP-MS  
 (Modification: incl. ICP-MS/MS, extension of the application scope to feed, tobacco and tobacco products)

Subcontracted to Eurofins WEJ Contaminants GmbH, Hamburg, which is accredited for this test.

Copper (Cu) 15 mg/kg

**SPS2P Phosphorous Acid**

Method : Internal Method, SPG-14.184-3, SPG-14.184, LC-MS/MS

Subcontracted to Eurofins Dr. Specht International GmbH, Hamburg, which is accredited for this test.

Phosphonic acid < 0.05 mg/kg

**SPS3F Fosetyl**

Method : Internal Method, SPG-14.147-1, SPG-14.147, LC-MS/MS

Subcontracted to Eurofins Dr. Specht International GmbH, Hamburg, which is accredited for this test.

Fosetyl-Al (fosetyl+phosph. acid/salts as fosetyl) ---

Fosetyl < 0.05

**SP101 Organochlorine Pesticides and Pyrethroids (GC-ECD)**

Method : ASU L 00.00-34:2010-09, DFG-S19, GC-ECD

Subcontracted to Eurofins Dr. Specht Laboratorien GmbH, Hamburg, which is accredited for this test.

Screened pesticides Not Detected

**SP104 Organophosphorus Pesticides (GC-FPD)**

Method : ASU L 00.00-34:2010-09, DFG-S19, GC-FPD

Subcontracted to Eurofins Dr. Specht Laboratorien GmbH, Hamburg, which is accredited for this test.

Screened pesticides Not Detected

**SP923 Pesticides Quechers LC-MS/MS Nut**

Method : DIN EN 15662: 2018-07, P-14.141, LC-MS/MS

(Modification: Application for Nuts, sorption mixture and extraction vol. adapted)

Subcontracted to Eurofins Dr. Specht Laboratorien GmbH, Hamburg, which is accredited for this test.

Screened pesticides Not Detected

**SPXC1 Chlorate**

Method : Internal Method SPG-14.169-3, SPG-14.169, LC-MS/MS

Subcontracted to Eurofins Dr. Specht International GmbH, Hamburg, which is accredited for this test.

Chlorate < 0.01 mg/kg

**SPGG4 Glyphosate/AMPA/Glufosinate**

Method : Internal Method SPG-14.158-3, SPG-14.158, LC-MS/MS

Subcontracted to Eurofins Dr. Specht International GmbH, Hamburg, which is accredited for this test.

Glyphosate < 0.01 mg/kg

Aminomethylphosphonic acid (AMPA) < 0.01 mg/kg

Glufosinate < 0.01 mg/kg

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**SP111 Organonitrogen Pesticides and others (GC-MS)**

Method : ASU L 00.00-34:2010-09, DFG-S19, GC-MS

Subcontracted to Eurofins Dr. Specht Laboratorien GmbH, Hamburg, which is accredited for this test.

Screened pesticides Not Detected

**SF00F Paraquat and diquat in fresh fruit, vegetables, vine, chia, seeds, sugar**

Method : Internal Method, LA-LCMS-046-06, LC-MS/MS

Subcontracted to Eurofins SOFIA GmbH, Berlin, which is accredited for this test.

Diquat	<0.01	* mg/kg
Paraquat	<0.01	* mg/kg

**JJ0G6 Regulated Mycotoxins in cereals (aflatoxine, Ochratoxin A, DON, ZON, T2, HT2)**

Method : Internal Method, CON-PV 01126 (2020-05), LC-MS/MS

Subcontracted to Eurofins WEJ Contaminants GmbH, Hamburg, which is accredited for this test.

Aflatoxin B1	<0.5	* µg/kg
Aflatoxin B2	<0.5	* µg/kg
Aflatoxin G1	<0.5	* µg/kg
Aflatoxin G2	<0.5	* µg/kg
Sum of all positive Aflatoxins	<2	* µg/kg
Deoxynivalenol (Vomitoxin)	<20	* µg/kg
Zearalenone (ZON)	27	µg/kg
Ochratoxin A	<1	* µg/kg
T-2 Toxin	<10	* µg/kg
HT-2 Toxin	<10	* µg/kg
sum T-2 HT-2 toxin	<20	* µg/kg

**Microbiological Analysis**
**UM86U Aerobic Plate Count 30°C E <100 >100000000 /g (1;3) PCA Agar-W ISO 4833-2**

Method : ISO 4833-2, 2014-05, E-Cultural technique (spiral plate)

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is accredited for this test.

Aerobic Plate Count 30°C	15000	cfu/g
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**ZM10X Moulds 25°C-Yeasts 25°C E <100 >2 000 000 /g (1-3) YEGC Agar-S §64 LFGB L 01.00-37 mod.**

Method : §64 LFGB L 01.00-37 mod., E-Cultural technique (non-chromogenic media)

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is accredited for this test.

Moulds 25°C	3500	cfu/g
Yeast 25°C	< 100	cfu/g

**UMH7G Escherichia coli 44°C E <10 >1500 /g (1) TBX Agar-P ISO 16649-2**

Method : ISO 16649-2, 2009-12, E-Cultural technique (chromogenic media)

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is accredited for this test.

Escherichia coli 44°C	< 10	cfu/g
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**UMRRZ Presumptive Bacillus cereus 30°C E <10 >3000 /g (1) MYP Agar-S ISO 7932-M**

Method : ISO 7932, 2004-06, E-Cultural technique (non-chromogenic media)

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is accredited for this test.

Presumptive Bacillus cereus 30°C	10	cfu/g
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**UM3QV Listeria monocytogenes D Abs Pres /25 g BACGene Listeria monocytogenes kit**

Method : BACGene Listeria monocytogenes kit, 2018-03, Real-time PCR

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is accredited for this test.

Listeria monocytogenes	nicht nachweisbar	/25 g
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**UMU3Q Salmonella Abs Pres /125 g 0 (None) BHI broth-X-37 AFNOR NO QUA-18/3-11/2 PCR (BAX)**

Method : QUA 18/03-11/02, 2013-05, Real-time PCR

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is accredited for this test.

Salmonella nicht nachweisbar /125 g

\* = below indicated quantification level

(#) = Eurofins Analytik GmbH is accredited for this test.

## JUDGEMENT

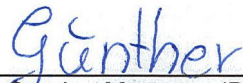
The results of the above mentioned analyses are in accordance with the requirements of regulation (EC) 396/2005 (regulation on maximum residue levels of pesticides in or on food and feed) in its currently valid version.

With respect to the results of the above mentioned analyses, samples of the same quality which carry the organic label can therefore be traded likewise as long as they comply with the requirements of regulation (EU) 834/2007 on organic production and labelling of organic products read in conjunction with commission regulation (EC) No 889/2008 and its amendments.

Evaluation according to BNN - Association of Organic Processors, Wholesalers and Retailers (in German: Bundesverband Naturkost Naturwaren (BNN) e.V.):

The results of the above mentioned analyses are in accordance with the "BNN Orientation Value for pesticides" of the Association of Organic Processors, Wholesalers and Retailers (Bundesverband Naturkost Naturwaren (BNN) e.V.) (version: August 2012, 9th April 2019).

Signature



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Analytical Service Manager (Dominique Günther)

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