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**Client support** Mrs D. Günther - 1731

Report date 08.01.2021  
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## Analytical report AR-21-JK-002338-02



This report replaces report number: AR-21-JK-002338-01

### Sample Code 703-2020-00162340

<b>Reference</b>	White Quinoa MOR-13-QB-09/20
<b>Lot-no.</b>	MOR-13-QB-09/20
<b>Nr. of sample containers</b>	1
<b>Gross weight / volume</b>	517,0g
<b>Reception temperature</b>	room temperature
<b>Ordered by</b>	Quality Department
<b>Submitted by</b>	accounts department
<b>Sender</b>	FedEx
<b>Packaging</b>	plastic bag
<b>Reception date time</b>	21.12.2020
<b>Start/end of analyses</b>	22.12.2020 / 08.01.2021

## TEST RESULTS

### Physical-chemical Analysis

#### SPECC Chlormequat

Method : Internal Method P-14.188-1, SPF-14.188, LC-MS/MS

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

Chlormequat	< 0.01	mg/kg
Chlormequat (total, calc. as Chlormequat Cl)	---	mg/kg

#### SP931 Pesticide-Screening Quechers LC-MS/MS

Method : DIN EN 15662:2018 mod., SPF-14.141, LC-MS/MS

(Modification: modification of extraction salt)

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

Screened pesticides	Not Detected
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#### SPGF2 Fosetyl (total)

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.

Phosphonic acid	< 0.5	mg/kg
Fosetyl	< 0.05	mg/kg
Fosetyl-Al (fosetyl+phosph. acid/salts as fosetyl)	---	mg/kg

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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  
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Deutsche  
Akkreditierungsstelle  
D-PL-14251-01-00

This report replaces report number: AR-21-JK-002338-01

**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

**SP936 Pesticide-Screening Quechers GC-MSD**

Method : DIN EN 15662:2018, SPF-14.141, GC-MS

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

Screened pesticides Not Detected

**SPEMM Mepiquat**

Method : Internal Method P-14.188-1, SPF-14.188, LC-MS/MS

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

Mepiquat	< 0.01	mg/kg
Mepiquat (total, calc. as Mepiquat Chloride)	---	mg/kg

**JJ006 Aflatoxins B1, B2, G1, G2 (food)**

Method : DIN EN 14123 (2008-03), mod., CON-PV 00873 (2020-01), IAC-LC-FLD

(Modification: Expansion of application to foodstuffs in general and feed, adaptation of the extracting solvent and measurement conditions)

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

Aflatoxin B1	<0.1	* µg/kg
Aflatoxin B2	<0.1	* µg/kg
Aflatoxin G1	<0.1	* µg/kg
Aflatoxin G2	<0.1	* µg/kg
Sum of all positive Aflatoxins	<0.4	* µg/kg

**A7126 Ochratoxin A (food)**

Method : DIN EN 14132 (2009-09), mod., CON-PV 00850 (2020-01), IAC-LC-FLD

(Modification: modification of extraction solvent, additional post-column derivatisation; extension of the application scope to feed, tobacco and tobacco products)

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

Ochratoxin A (OTA)	<0.5	* µg/kg
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**JJ62B Deoxynivalenol, Zearalenon (DON, ZON)**

Method : Internal Method, CON-PV 00854 (2019-11), LC-MS/MS

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

Deoxynivalenol (Vomitoxin)	<20	* µg/kg
Zearalenone (ZON)	<10	* µg/kg

**JCTA1 Tropane alkaloids (Atropine, Scopolamine)**

Method : Internal Method, CON-PV 01346 (2019-08), LC-MS/MS

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

Atropine	<1	* µg/kg
Scopolamine	<1	* µg/kg

**Microbiological Analysis**

**UME7G Confirmation Clostridium perfringens ISO 7937**

Method : ISO 7937, Phenotypic-molecular techniques

Subcontracted to Eurofins BioTesting Services Nord GmbH, Hamburg, which is not accredited for this test.

Clostridium perfringens	100	cfu/g
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**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)

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Aerobic Plate Count 30°C	12000	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	100	cfu/g
Yeast 25°C	< 100	cfu/g

**UM0MD Clostridium Perfringens <10 >15000 /g 2 (1-2) SB Agar-P-37 ISO 7937**

Method : ISO 7937, 2004-08, E-Cultural technique (non-chromogenic media)

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

Clostridium perfringens	100	cfu/g
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**UM0T1 Enterobacteriaceae 37°C E <100 >1 500 000 /g (2-4) VRBD Agar-P ISO 21528-2**

Method : BS ISO 21528-2:2004, 2017-04, E-Cultural technique (non-chromogenic media)

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

Enterobacteriaceae 37°C	100	cfu/g
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**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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**UMFD3 Coagulase positive Staphylococcus 37°C E <10 >4500 /g (1) BP Agar-S ISO 6888-1-M**

Method : ISO 6888-1 mod., 1999-02, E-Cultural technique (non-chromogenic media)

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

Coagulase positive Staphylococcus 37°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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**UMTK5 Salmonella D Abs Pres /25 g ISO 6579**

Method : ISO 6579, 2017-07, D-Cultural technique (non-chromogenic media)

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

Salmonella	nicht nachweisbar	/25 g
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**Molecularbiological Analysis**
**JJ604 Detection and determination of gluten (#)**

Method : r-biopharm Test-Combination R7001:2015-10, mod., PV 01193, ELISA [Sandwich ELISA]

(Modification: apply also on equipment and commodities from the food production as well as cleaning water)

Gluten	Not Detected	
Gluten	<5	* mg/kg

\* = 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

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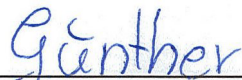
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label can therefore be traded likewise as long as they complies with the requirements of regulation (EU) 834/2007 on organic production and labelling of organic products read in conjunction with commission regulation (EC) No 889/2008 and its amendments.

Signature



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Analytical Service Manager (Dominique Günther)

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