

## Test Report

Berlin, 07.03.2019

**Sample number:** 19/025454  
**Client:** BILLA Bulgaria Ltd.  
 55 Bulgaria Blvd.  
 Bulgaria-1404 Sofia  
**Date of entrance:** 07.03.2019  
**Sample name:** Champignons  
**Sample number customer:** 00BBU19030601  
**Organic:** no  
**Origin:** Bulgaria  
**Grower:**  
**Lot:** L1003  
**Unit:** 250 g  
**Quantity:** 5  
**Package:** plastic tray, foil coating, label  
**Sampling:** by client, sample entry by delivery service  
**Added Identification:** Seal Nr. 0267373  
**Begin of examination:** 07.03.2019  
**End of examination:** 07.03.2019



### Examination of pesticides<sup>1)</sup>

Scope of testing:		Pestizides GC		
Examination method:		PV-SA-085 (GC) <sup>2</sup> ; 2019-01		
Parameters	Unit	Result	MRL	RL
Pestizid-Screening		not detected		
Scope of testing:		pesticides LC		
Examination method:		PV-SA-085 (LC) <sup>2</sup> ; 2019-01		
Parameters	Unit	Result	MRL	RL
Diflubenzuron	mg/kg	<LoQ	2,00	0,010
Prochloraz	mg/kg	0,045		0,010
Prochloraz (sum of prochloraz and its metabolites containing the 2,4,6-Trichlorophenol moiety expressed as prochloraz)	mg/kg	0,045	3,00	0,010
Scope of testing:		Chlormequat		
Examination method:		PV-SA-E-226; 2018-12		
Parameters	Unit	Result	MRL	RL
Chlormequat	mg/kg	<LoQ		0,005
Chlormequat (sum of chlormequat and its salts, expressed as chlormequat-chloride)	mg/kg	<LoQ	0,90	0,005
Mepiquat	mg/kg	n.n.		0,005
Mepiquat (sum of mepiquat and its salts, expressed as mepiquat chloride)	mg/kg	n.n.	0,09	0,005

RL = Reporting limit

MRL = Maximum residue level

n.n. = not detected in accordance with the detection limit of the method

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The test results refer exclusively to the examined sample. This report must not be duplicated or published in excerpts without authorization of bilacon GmbH.

- 1) Overview of the examined pesticides after the Combi-method (PV-SA-085), state 29.01.2019  
 2) PV-SA-085: combined procedure from the methods DFG S19 and QuEChERS with the detection modules LC-MS/MS and GC-MSD

### ARfD-Evaluation:

Substance	Content [mg/kg]	MRL [mg/kg]	EH MRL [%]	QC [g]	VF	Intake [mg/kg BW]	ARfD [mg/kg KG]	EH ARfD [%]	NoP
Diflubenzuron	<LoQ	2,00		150,3	7	0,00000	n.e.	-	0
Prochloraz	0,045			150,3	7	0,00076	n.e.	-	0
Prochloraz (sum of prochloraz and its metabolites containing the 2,4,6-Trichlorophenol moiety expressed as prochloraz)	0,045	3,00	1,5	150,3	7	0,00076	0,0250	3,0	1
Chlormequat	<LoQ			150,3	7	0,00000	n.e.	-	0
Chlormequat (sum of chlormequat and its salts, expressed as chlormequat-chloride)	<LoQ	0,90		150,3	7	0,00000	0,0900	-	0

Calculation model: EFSA PRIMo rev3

Calculation model: 2a (Fruit weight: 25 g)

QC = Quantity of consumption

VF = Variability-factor

EH = Exhaustion

MRL = Maximum residue level

NoP = Number of Pesticides

n.e. = not exist

BW = Body weight

Referenced body weight: 17,8 kg

### Conclusion

Within the scope of analysis the product meets the demands of the EU Regulation concerning the maximum residues levels for pesticides in or on food and is marketable [1,2].

### References:

[1] Collection of texts on food law in the most current version, publisher C. H. Beck

[2] Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC