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AGROLAB LUFA GmbH, Dr.-Hell-Str. 6, 24107 Kiel

Customer no.: 10083618

Vanatari International GmbH
Pankstr. 8, Aufgang R
13127 Berlin

TEST REPORT

Date: 06.10.2026

Order	3863013 Wowtamins Magnesium Gummies zuckerfrei
Analysis number	284879
Customer sample description	Magnesium Gummies zuckerfrei; Nahrungsergänzungsmittel mit Magnesium und Süßungsmittel; Charge: 40018185; MHD: 03.07.2028
Sample acceptance	28.09.2026
Date of sampling	no information
Brand	wowtamins
Packaging	2x Original, 180 g, 60 Stück

Metals

Parameter	Unit	Value in OS [4]	DGHM guidance values instant products [1]	Warning values [3]	Reg. (EU) 2023/915 [2]
Aluminium (Al)[9]	mg/kg	<10,0[5]			

Heavy metals

Parameter	Unit	Value in OS [4]	DGHM guidance values instant products [1]	Warning values [3]	Reg. (EU) 2023/915 [2]
Lead (Pb)	mg/kg	<0,50[5]			≤3
Cadmium (Cd)	mg/kg	<0,20[5]			≤1
Mercury (Hg)	mg/kg	<0,02[5]			≤0,1
Arsenic (As)	mg/kg	<0,50[5]			

Microbiological examinations

Parameter	Unit	Value in OS [4]	DGHM guidance values instant products [1]	Warning values [3]	Reg. (EU) 2023/915 [2]
Aerobic mesophilic plate count (total plate count)	cfu/g	<100 (LOD)[6]	≤10000		
Enterobacteriaceae	cfu/g	<10 (LOD)[6],[7]	≤100	≤1000	
Escherichia coli	in 1g	not detected		n.d.	
Staphylococcus, coagulase-positive	in 1g	not detected		n.d.	
Yeasts	cfu/g	<100 (LOD)[6]			
Moulds	cfu/g	<100 (LOD)[6]	≤100		
Presumptive Bacillus cereus	cfu/g	<100 (LOD)[6]	≤100	≤1000	

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HRB 5796
Ust./VAT-ID-Nr:
DE 813 356 511

Geschäftsführer
Dr. Stephanie Nagorny
Dr. Paul Wimmer
Dr. Torsten Zurmühl

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TEST REPORT

Date: 06.10.2026

Order 3863013 Wowtamins Magnesium Gummies zuckerfrei
Analysis number 284879

Parameter	Unit	Value in OS [4)]	DGHM guidance values instant products [1)]	Warning values [3)]	Reg. (EU) 2023/915 [2)]
Salmonella spp[8)]	in 25g	not detected		n.d.	

Sensory examinations

Parameter	Unit	Value in OS [4)]	DGHM guidance values instant products [1)]	Warning values [3)]	Reg. (EU) 2023/915 [2)]
Sensory, descriptive examination		see below			
Packaging inspection scan*)		see below			

[1)] DGHM guidance values instant products: microbiological guidelines of the DGHM (German Society for Hygiene and Microbiology) 6.2 for instant products in the currently valid version.
[2)] Reg. (EU) 2023/915: Commission Regulation (EU) 2023/915 of 25 April 2023 on maximum levels for certain contaminants in food, in its currently valid version.
[3)] Warning values: customer-specific warning values based on the microbiological guidelines of the DGHM (German Society for Hygiene and Microbiology) 6.2 for instant products in the currently valid version.
[4)] The values refer to the original substance (OS).
[5)] Explanation: "<" or "n.q." represent the fact that the concentration of the analyte is below the limit of quantification (LOQ).
[6)] The sign "<"...."(LOD)" or n.d. in column result means, the substance concerned cannot be detected within the limit of detection.
[7)] The limit of quanitification/detection had to be increased, because the material had to be diluted due to its consistency.
[8)] **Remark to Salmonella spp.:**
In the testing of Salmonella spp. according to ISO 6579-1 Salmonella Typhi and Salmonella Paratyphi are not included. These bacteria/germs are hardly found in food.If on the side of the customer there is a justified case of suspicion these two subspecies can be analysed by a PCR test, which needs to be ordered separately by the customer.In case of positive Salmonella results a confirmation of Salmonella spp. was conducted by MALDI-TOF.
[9)] In the present sample, aluminum was analyzed by acid digestion and ICP-MS. Due to the amphoteric properties of aluminium, it cannot be excluded that underfindings may occur, especially in the case of aluminium of mineral origin.

According to the extent of the analysis the sample complies with the requirements of DGHM guidance values instant products and Reg. (EU) 2023/915. According to the extent of the analysis the Warning values and DGHM guidance values instant products are complied.

Additional information:

Sensorische Prüfung:
Aussehen/ Farbe: weinrot
Geruch/ Geschmack: süßlich, leicht nach Fruchtaroma

Verpackungsprüfung:
Die wowtamins "Magnesium Gummies Citrat" sind abgefüllt in einem braunen Kunststoffbehälter mit bunt bedrucktem Etikett und einer Nennfüllmenge von e 180g. Das MHD und die Chargennummer befinden sich auf der Bodenunterseite.
Die Verpackung ist vor dem Öffnen unbeschädigt.

Verkehrsfähigkeit:
Obengenanntes Produkt entspricht nach Art und Umfang der dargelegten Prüfungen den Vorschriften des deutschen Lebensmittelrechts und ist aus hiesiger Sicht insoweit in Deutschland verkehrsfähig.

----------ENGLISH VERSION----------

Sensory evaluation:
Appearance/colour: wine-red
Smell/taste: sweetish, with a slight fruity aroma

Packaging inspection:
The wowtamins “Magnesium Gummies Citrat” are packaged in a brown plastic container with a colourfully printed label and a nominal net weight of 180g. The best-before date and batch number are located on the underside of the base.
The packaging is undamaged before opening.

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Marketability:
The above-named product meets according to the manner and extent of the presented testings the provisions of German Food Law. In this respect and in our opinion the product is marketable in Germany.

List of methods

AFNOR validated in reference to ISO 7932 (bioMérieux BACARA 2®, Certificate AES 10/10-07/11 : 2022-06)	Presumptive Bacillus cereus
DIN 10964 : 2014-11 (mod)	Sensory, descriptive examination
DIN EN 13806 : 2002-11	Mercury (Hg)
DIN EN 15763 : 2010-04	Arsenic (As) • Cadmium (Cd) • Lead (Pb)
DIN EN 15763 : 2010-04 (mod.)	Aluminium (Al)[9)]
DIN EN ISO 16649-3 : 2018-01	Escherichia coli
DIN EN ISO 4833-1 : 2022-05	Aerobic mesophilic plate count (total plate count)
DIN EN ISO 6888-3 : 2005-07 (mod.)	Staphylococcus, coagulase-positive
ISO 21527-2 : 2008-07	Moulds • Yeasts
ISO 6579-1 : 2017-02	Salmonella spp[8)]
no information	Packaging inspection scan*)
RAPID'Enterobacteriaceae®; AFNOR-certificate No: BRD 07/24-11/13 : 2021-10 (validated in reference to NF EN ISO 21528-2:2017-07)	Enterobacteriaceae

Norm modification

DIN EN 15763 : 2010-04 (mod.)	Extension for the following elements: Al, Co, Cr, Mo, Ni, Sb, Se, Sn, Tl, U, V, Cu, Mn, reduction of the method for Hg
DIN EN ISO 6888-3 : 2005-07 (mod.)	confirmation of coagulase reaction with Baird Parker rabbit plasma fibrinogen agar

Start of testing: 28.09.2026
End of testing: 05.10.2026

The results are related only to the samples tested. In cases where the laboratory has not been responsible for sampling, the reported results apply to the samples as received. The laboratory is not responsible for the information provided by the customer. The customer information, if any, presented in this test report is not subject to the accreditation of the laboratory and may affect the validity of the test results. Duplication of this document or of parts of it requires the authorization from laboratory.

In conformity assessment, the economic approach is applied as the decision rule (a non-conformity exists if the measurement result including measurement uncertainty is above the specification or standard), as long as nothing else has been determined by corresponding legal or normative bases.

AGROLAB LUFA GmbH, Service-Team L3, Phone: 0431 1228-339
Email: serviceteaml3.lufa@agrolab.de
Group leader: Maike von Fintel
Food chemist/counter-sampling expert

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TEST REPORT

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Visual documentation



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