GBA GROUP

GBA Gesellschaft für Bioanalytik mbH · Goldtschmidtstr. 5 · 21073 Hamburg

VitaMoment GmbH

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ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-PL-14170-01-00

Our Sign : QLT
Date : 09.11.2026

Certificate of analysis 26054639 - 001

Sample name	:	Bindegewebe-Komplex
Marking of sample	:	Charge: DE2607093, MHD. 30.10.2028
Customer No.	:	none
Packaging	:	Pre-packaging / Plastic container
Sample amount	:	3 x 58,71 g
Shipping of sample	:	Courier Service
Sample entry	:	29.10.2026
Entrance temperature	:	Room temperature
Sample taken	:	by sender
Begin/end of analysis	:	29.10.2026 / 09.11.2026

The test results apply only to the test items described in the report. No responsibility is accepted for the validity of the results if any data or information provided by the customer may affect them. Data provided by the customer are clearly identified. The laboratory assumes no responsibility for the sampling including minimum quantities unless it was carried out by samplers from a company within the GBA Group or on its behalf. In this case, the results apply to the sample as received. The test report may not be published or reproduced, in whole or in part, without the written consent of the issuing company. The general terms and conditions are available at https://www.gba-group.com/en/general-terms-and-conditions/.

Dok.-Nr.: ML 510-01 # 2 V1 E, 511, 19.02.2026

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GBAGROUP

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Sample name : Bindegewebe-Komplex

Test Results

Microbiological Test	*Result*	*Unit*
Total Plate Count	8,0 ·10^ 1 °°	cfu/g
Yeasts / moulds		
Yeasts	<10	cfu/g
Moulds	<10	cfu/g
Enterobacteriaceae	<10	cfu/g
E. coli	<10	cfu/g
Salmonella	negative	/ 25 g

Chemical/Physical Test	*Result*	*Unit*	*Declaration*	*± MU*	*MU Source*	*ML*
Lead	0,061	mg/kg		0,012	I	3
Cadmium	<0,010	mg/kg			I	1
Mercury	<0,010	mg/kg			I	0,1
Arsenic	0,29	mg/kg		0,058	I	
Weight per dosage form	0,87	g		0,01	VII	
Daily serving	2,0	capsule(s)				
PAH						
Benzo(a)anthracene	<1,0	µg/kg			I	
Chrysen	<1,0	µg/kg			I	
Benzo(b)fluoranthene	<1,0	µg/kg			I	
Benzo(a)pyrene	<1,0	µg/kg			I	10
Sum of PAH	not detectable	µg/kg			I	50
Copper	0,43	mg/ daily serving	0,5	0,11	VII	
Manganese	0,49	mg/ daily serving	0,5	0,098	I	
Pyrrolizidine alkaloids						
Echimidine N-oxide	<10	µg/kg			III	
Heliosupine N-oxide	<10	µg/kg			III	
Echimidine/Heliosupine, sum	<10	µg/kg			III	
Echinatine N-oxide	<10	µg/kg			III	
Europine	<10	µg/kg			III	
Europine N-oxide	<10	µg/kg			III	
Heliotrine	<10	µg/kg			III	
Heliotrine N-oxide	<10	µg/kg			III	
Integerrimine N-oxide/Senecionine N-oxide, sum	<10	µg/kg			III	
Intermedine	<10	µg/kg			III	

MU: measurement uncertainty, dm: dry mass, <: measured value below the reporting limit, D: Declaration according to prepackage, CS: customer specification, ML: maximum level, DR: decision rules, cfu: colony forming units

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Chemical/Physical Test	*Result*	*Unit*	*Declaration*	*± MU*	*MU Source*	*ML*
Intermedin N-oxide/Indicin N-oxide, sum	<10	µg/kg			III	
Lasiocarpine	<10	µg/kg			III	
Lasiocarpine N-oxide	<10	µg/kg			III	
Lycopsamine/Indicine, sum	<10	µg/kg			III	
Lycopsamine N-oxide	<10	µg/kg			III	
Retrorsine/Usaramine, sum	<10	µg/kg			III	
Retrorsine N-oxide/Usaramine N-oxide, sum	<10	µg/kg			III	
Rinderine/Echinatine, sum	<10	µg/kg			III	
Rinderine N-oxide	<10	µg/kg			III	
Senecionine	<10	µg/kg			III	
Seneciphylline	<10	µg/kg			III	
Seneciphylline N-oxide	<10	µg/kg			III	
Senecivernine/Integerrimine, sum	<10	µg/kg			III	
Senecivernine N-oxide	<10	µg/kg			III	
Senkirkine	<10	µg/kg			III	
Spartioidine	<10	µg/kg			III	
Spartioidine N-oxide	<10	µg/kg			III	
Erucifoline	<10	µg/kg			III	
Erucifoline N-oxide	<10	µg/kg			III	
Jacobine	<10	µg/kg			III	
Jacobine N-oxide	<10	µg/kg			III	
Monocrotaline	<10	µg/kg			III	
Monocrotaline N-oxide	<10	µg/kg			III	
Trichodesmine	<10	µg/kg			III	
Pyrrolizidine alkaloids, sum BfR-28 / Ph. Eur. 2.8.26	not detectable	µg/kg			III	
Pyrrolizidine alkaloids, sum VO 2023/915	not detectable	µg/kg			III	400
Iodine	0,46	mg/kg		0,12	IV	
Gluten	9,2	mg/kg		2,8	I	

Maximum levels for food supplements according to VO (EU) 2023/915

Pesticides and related substances	*Result*	*Unit*	*± MU*	*MU Source*
Pesticides, GC-MS/MS	not detectable			

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Sample name : Bindegewebe-Komplex

Pesticides and related substances	*Result*	*Unit*	*± MU*	*MU Source*
Pesticides, LC-MS/MS				
Benzalkonium chloride - C12	0,070	mg/kg	0,035	II
Benzalkonium chloride, total	0,070	mg/kg	0,035	II

Scope of analyzed pesticides GC-MS/MS / LC-MS/MS: according to list of pesticides GÖST (05/08/2024)

Assessment:
Results of microbiological analysis are unobjectionable regarding the tests carried out.

Regarding the determined levels of lead, cadmium, mercury, polycyclic aromatic hydrocarbons (PAH) and pyrrolizidine alkaloids (PA) the sample complies with the maximum levels for food supplements laid down in Regulation (EU) 2023/915 (Cat. 3.1.28; 3.2.21; 3.3.2; 5.1.16; 2.4.10).

Results of minerals analyses meet the details of the nutrition labelling regarding the tests carried out (cf. Guidance document of the EU Commission with regard to the setting of tolerances for nutrient values declared on a label in food supplements from December 2012).

The analysed sample is a compound food for which no pesticide maximum levels according to Regulation (EC) 396/2005 have been laid down so far. Pesticide maximum levels according to Regulation (EC) 396/2005 have been laid down so far exclusively for individual products as defined in Annex 1 of this Regulation. A final assessment of the results of the pesticide analysis is, therefore, not possible. The results of the analysis allow, furthermore, no conclusion about the origin of the detected substances. Regarding the requirements of the Regulation (EC) 396/2005 the compound food is marketable if the ingredients are marketable.

Hamburg, 09.11.2026

This test report is done automatically and is valid without signature.

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Methods

Parameter	*Method*	*DR*
Total Plate Count	DIN EN ISO 4833-2: 2022-05[a]$_0$	m
Yeasts / moulds	BIOKAR Diagnostics, Symphony-Agar BM20208/BM19108: 2022-11[a]; validated according to EN ISO 16140-2 against EN ISO 21527-1/-2 2008-11$_0$	m
Enterobacteriaceae	Biomerieux, Rebecca-Agar AEB520020/AEB150022: 2020-09[a]; validated according to EN ISO 16140-2 against ISO 21528-2 2017-07$_0$	m
E. coli	Biomerieux, Rebecca-Agar AEB520020/AEB150022: 2020-09[a]; validated according to EN ISO 16140-2 against ISO 16649-2 2001-07$_0$	m
Salmonella	DIN EN ISO 6579-1: 2020-08[a]$_0$	m
Lead	DIN EN 15763, ICP-MS: 2010-04[a]$_{00}$	y
Cadmium	DIN EN 15763, ICP-MS: 2010-04[a]$_{00}$	y
Mercury	DIN EN 15763, ICP-MS: 2010-04[a]$_{00}$	y
Arsenic	DIN EN 15763, ICP-MS: 2010-04[a]$_{00}$	y
Pressure pulping	§ 64 LFGB L 00.00-19/1: 2015-06[a]$_{00}$	
Weight per dosage form	HH-MA-M 10-030, gravimetric: 2021-11[a]$_0$	z
PAH	HH-MA-M 02-105 # U, HPLC-FLD: 2023-06[a]$_0$	y
Sum of PAH	berechnet α	
Copper	§ 64 LFGB L 00.00-144, ICP-OES: 2019-07[a]$_{00}$	y
Manganese	§ 64 LFGB L 00.00-144, ICP-OES: 2019-07[a]$_{00}$	z
Pyrrolizidine alkaloids	HM-MA-M 02-055, LC-MS/MS: 2026-07[a]$_3$	y
Pyrrolizidine alkaloids, sum BfR-28 / Ph. Eur. 2.8.26	berechnet α	
Pyrrolizidine alkaloids, sum VO 2023/915	berechnet α	
Iodine	PNTe/LQM/FYQ/316: 2025-05[a]$_{58}$	z
Gluten	R-Biopharm AG RIDASCREEN Gliadin R7001, ELISA: 2021-10[a]$_3$	z
Pesticides, GC-MS/MS	§ 64 LFGB L 00.00-115: 2018-10[a]$_{00}$	y
Pesticides, LC-MS/MS	§ 64 LFGB L 00.00-115: 2018-10[a]$_{00}$	y

The methods marked with [a] are accredited methods of the performing laboratory.
Testing laboratory: $_0$GBA Hamburg (GS) $_{00}$GBA Hamburg (AW) α automatically calculated from the system $_3$GBA Hameln $_{58}$LQM

MU-Source:
I: According to DIN ISO 11352 as expanded, combined measurement uncertainty with k = 2 (95 %), sampling not included
VII: According to expert estimation
III: According to Implementing Regulation (EU) 2023/2783 (Plant Toxins)
IV: According to subcontractor
II: According to SANTE/11312/2021

Decision rules:
m: The conformity assessment of microbiological measured values is performed without considering additional analytical measurands.
y: In conformity assessment, measurement uncertainty is disregarded for measured values below the tolerance limit. For measured values exceeding the tolerance limit, measurement uncertainty is subtracted from the measured value. If no conformity assessment is performed, measurement uncertainty serves as informational data only.
z: In conformity assessment, measurement uncertainty is disregarded and serves as informational data only.

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°° According to DIN EN ISO 7218, this result must be stated as an estimated number for statistical reasons.
The value given is not statistically significant.

Benzalkonium chloride, total: mixture of alkylbenzyldimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18