

Onafhankelijk laboratoriumonderzoek: Magnesium bisglycinaat van Mandimu




We laten onderzoek doen om er zeker van te zijn dat wat wij op de verpakking vermelden ook daadwerkelijk overeenkomt met de inhoud van de capsule.

Dubbele kwaliteitscontrole

Van al onze leveranciers eisen we kwaliteitscertificaten en verklaringen dat de gebruikte grondstoffen veilig zijn. Maar dat is niet alles. Naast de gebruikelijke verplichtingen laten we de eindproducten aanvullend testen in onafhankelijke, geaccrediteerde laboratoria.

Wat heeft het laboratoriumonderzoek aangetoond?

 Een onafhankelijke laboratoriumanalyse heeft het overeenkomstige gehalte aan elementair magnesium bevestigd

 Het product voldoet aan de strenge Europese grenswaarden voor zware metalen

ELEMENT	GEMETEN WAARDE (MG/KG)	MAXIMALE GRENSWAARDE EU (MG/KG)	RESULTAAT
LOOD (PB)	0,033	3,000	● AANZIENLIJK ONDER DE GRENSWAARDE
CADMIUM (CD)	< 0,0050	1,000	● NIET GEDETECTEERD
KWIK (HG)	< 0,030	0,100	● NIET GEDETECTEERD
ARSEEN (AS)	< 0,10	NIET GEMETEN	● NIET GEDETECTEERD
TIN (SN)	< 0,10	NIET GEMETEN	● NIET GEDETECTEERD

 De verpakking bevat geen schadelijke micro-organismen

MICRO-ORGANISME	GEMETEN WAARDE (CFU/G)	RESULTAAT
ESCHERICHIA COLI	< 10	● NIET GEDETECTEERD
GISTEN	< 10	● NIET GEDETECTEERD
SCHIMMELS	< 10	● NIET GEDETECTEERD

Op de volgende pagina's vind je een volledig overzicht van alle testresultaten van de onafhankelijke geaccrediteerde laboratoria waarop deze samenvatting is gebaseerd.

mandimu



CERTIFICATE OF ANALYSIS

Work Order : FP2605754-AA **Issue Date** : 30-Mar-2026

Customer : VERDON CAPITE s.r.o. **Laboratory** : ALS Czech Republic, s.r.o.

Contact : Mariana Barlet **Contact** : F&P Client Service

Address : Bělehradská 858/23 **Address** : Na Harfe 336/9 Prague 9 - Vysocany
Vinohrady 190 00 Czech Republic

E-mail : mariana.barlet@mandimu.com **E-mail** : czsupport.food@alsglobal.com

Telephone : ---- **Telephone** : +420 226 226 998

Project : ---- **Page** : 1 of 2

Order number : ---- **Date Samples** : 11-Mar-2026

Site : ---- **Received** : PR2024VERCA-CZ0001
Sampled by : zákazník **Quote number** : (CZ-114-24-0000)

Date of test : 12-Mar-2026 - 27-Mar-2026

QC Level : ALS CR Standard Quality Control Schedule

General Comments

This report shall not be reproduced except in full, without prior written approval from the laboratory. The laboratory is not responsible for the sample data supplied by the customer and their impact on the validity of the result.

The laboratory declares that the test results relate only to the listed samples. If "ALS" is not included in the test report in the "Sampled by" section, then the results refer to the sample as received.

Responsible for accuracy

Testing Laboratory No. 1163
Accredited by CAI according to
CSN EN ISO/IEC 17025:2018

Signatories

Eliška Bašťařová

Position

Site Manager Food



GMP+ Registered Laboratory-GMP050490

The company is certified according to ČSN EN ISO 14001 (Environmental management systems) and ČSN ISO 45001 (Occupational health and safety management systems)

Sample Information

No. of samples received : 1

Date Samples Received

No. of samples analysed : 1

11-Mar-2026 09:00

When sampling date is not provided by the client, the laboratory determines it for procedural reasons, then it is equal to the date of receipt of the sample to the laboratory and is displayed in brackets.

Sub-Matrix : DIETARY SUPPLEMENT

Laboratory sample ID	Client sample ID	Client sampling date / time
FP2605754-001	Hořčík bisglycinát	04-Mar-2026



Analytical Results

Sub-Matrix: DIETARY SUPPLEMENT				Laboratory sample ID		Client sampling date / time		FP2605754-001		-----		-----	
				04-Mar-2026		----		----		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU	Result	MU	Result	MU
Microbiological Parameters													
Escherichia coli	B-EC1	10	CFU/g	<10	---	----	----	----	----	----	----	----	----
Moulds	B-YEMOU1	10	CFU/g	<10	---	----	----	----	----	----	----	----	----
Yeast	B-YEMOU1	10	CFU/g	<10	---	----	----	----	----	----	----	----	----
Total Metals / Major Cations													
Lead	B-METMSDGL	0.010	mg/kg	0.033	± 20.0%	----	----	----	----	----	----	----	----
Mercury	B-HG-AMADT	0.030	mg/kg	<0.030	---	----	----	----	----	----	----	----	----
Tin	B-METMSDT2	0.10	mg/kg	<0.10	---	----	----	----	----	----	----	----	----
Cadmium	B-METMSDGL	0.0050	mg/kg	<0.0050	---	----	----	----	----	----	----	----	----
Arsenic	B-METMSDGL	0.10	mg/kg	<0.10	---	----	----	----	----	----	----	----	----

Measurement uncertainty is expressed as expanded measurement uncertainty with coverage factor k = 2, representing 95% confidence level.
Key: LOR = Limit of reporting; MU = Measurement Uncertainty. The MU does not include sampling uncertainty.

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
B-EC1	CSN ISO 16649-2. Enumeration of beta-glucuronidase-positive Escherichia coli by cultivation.
B-HG-AMADT	CZ_SOP_D06_09_024 (ČSN 75 7440) Determination of Hg by atomic absorption spectrometry. Sample was homogenized and mineralized by acids and hydrogen peroxide prior to analysis.
B-METMSDGL	CZ_SOP_D06_09_002 (US EPA 200.8, ČSN EN ISO 17294-2, ČSN EN 15111) Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by acids and hydrogen peroxide prior to analysis.
B-METMSDT2	CZ_SOP_D06_09_002 (US EPA 200.8, ČSN EN ISO 17294-2, ČSN EN 15111) Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values. Sample was homogenized and mineralized by acids and hydrogen peroxide prior to analysis.
B-YEMOU1	CSN ISO 21527-1; CSN ISO 21527-2 . Enumeration of yeasts and moulds by cultivation.

The symbol "*" for the method indicates a test outside the scope of accreditation of the laboratory or subcontractor. If the UNICO-SUB code is stated in the method table, this only informs that the tests have been performed by a subcontractor and the results are given in an annex to the test report, including information on test accreditation. If the lab used for matrix outside the scope of accreditation or non-standard sample matrix procedure specified in the accredited method and issues non-accredited results, this fact is stated on the title page of this protocol in the section "Notes". If the test report shows the results of subcontracting, the place of performance of the test is outside the laboratories of ALS Czech Republic, s.r.o.

The method for calculating of the summation parameters is available on request in the customer service.

The end of the certificate of analysis



Owner: AB
VERDON CAPITE s.r.o.
B lehradská 858/23
12000 Praha - Praha 2

Addressee:
VERDON CAPITE s.r.o.
B lehradská 858/23
12000 Praha - Praha 2

Document No.: 49740/26

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TEST REPORT No. 040570/26

Order / Samples identification

Delivered on: 17.4.2026
Reception No.: **26040570**
Sampling date: 17.4.2026

Analysis(es) carried out on: 20.4.2026 - 14.5.2026

S a m p l e s

Sample No. Description of sample

CH 8703 MARINE COLLAGEN WITH HYALURONIC ACID AND VITAMINS C & E
(MANGO) - exp. 01/2028, Batch 0046
CH 8704 KIDS MULTIVITAMIN - 01/2027, L1420125
CH 8705 ASHWAGANDHA - 03/2028, 0297
CH 8706 DEBLOAT - 09/27, 1209
CH 8707 MAGNESIUM BISGLYCINATE - 01/28, 0092

Chemistry department

Chemical testing

Results of chemical testing

	Weight g	Weight 2 g	Hydroxyprolin g/100 g
CH 8703	-	-	7.20 (±12%)
CH 8704	165.2 (±0.1)	2.62 (±0.01)	-
CH 8705	45.9 (±0.1)	0.50 (±0.01)	-
CH 8706	46.7 (±0.1)	0.78 (±0.01)	-

Results of testing by high-performance liquid chromatography (HPLC)

	Vitamin C mg/kg
CH 8703	135800 (±10%)

Results of testing by methods based on inductively coupled plasma (ICP)

	Mg mg/kg
CH 8707	183689 (±10%)

Results of testing provided by subcontractors

	Vitamin E mg/kg	Vit. E mg/kg
CH 8703	2045.7	1861.6

Weight = package weight
Weight 2 = capsule weight

The above listed analytes were examined using the following methods:

Analyte		Accreditation	Identification of the method	Site
Mg	Magnesium	A	SOP 8.1.A (ICP-OES)	1
Vitamin C	Vitamin C	A	SOP 8.28. (HPLC/DAD)	1
Weight	Weight	A	SOP 8.142. (WELMEC 6.8, Issue 3, 2020 "Drained Weight - Guide on the Verification of Drained Weight, Drained Washed Weight and Deglazed Weight")	1
Weight 2	Weight 2	A	SOP 8.142. (WELMEC 6.8, Issue 3, 2020 "Drained Weight - Guide on the Verification of Drained Weight, Drained Washed Weight and Deglazed Weight")	1
Hydroxyprolin	Hydroxyprolin	A	SOP 8.8. (Photometry)	1
Vit. E	Vitamin E (alpha-tocopheryl acetate as alpha tocopherol)	SA	T-VIT-MET9009 based on: USP 41/NF 36, LC-DAD	s19
Vitamin E	Vitamin E (alpha-tocopheryl acetate)	SA	T-VIT-MET9009 based on: USP 41/NF 36, LC-DAD	s19

A = under accreditation
SA = the subcontractor result under accreditation

Site
¹ Rantí ovská 93/20, Horní Kosov, 586 01 Jihlava

Subcontracting Laboratory
^{s19} Akreditovaná zkušební laborato . 1546

The reported expanded uncertainty is expressed as \pm % of the measured value (relative expression of uncertainty) or \pm value in the units of the parameter (absolute expression of uncertainty). In the case of absolute expression of measurement uncertainty, the parameter unit is not mentioned behind the uncertainty value. The expanded uncertainty is the product of the standard uncertainty and a coverage factor of $k = 2$, which for the normal distribution corresponds to a coverage probability of 95 %.

The laboratory shall not be held responsible for sampling and the correctness of the sample-related data provided by the customer. The data listed in the following sections: "Order/samples identification", "Results of testing", "Sample identification and test results"; are data supplied by the customer with the exceptions of the following: the results, method, reception number, sample number, delivery date and analysis date, marking breaching (or preservation) of the official seal of the security bag, and determining the temperature during the transport. The results relate only to the items tested. The results refer only to the samples as they were received. The test report shall be reproduced in its entirety; its parts may not be replicated without the written approval of the accredited test laboratory.

Date of issue: 14.5.2026 Report prepared by: Benáková Ivana, Ing.

Payment by: INVOICE

For the attention of: 1x VERDON CAPITE s.r.o., B lehradská 858/23, 12000 Praha - Praha 2

Approved:

MVDr. Pavel Barták, Ph.D.
Head of accredited laboratory,
Director of SVI Jihlava



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Ing. Helena Urdová
Deputy head of the department

Ing. Alena Honzlová
Head of the department of chemistry, Deputy director of SVI Jihlava

----- End of the test report -----