

# Analize de laborator independente ale Bisglicinatului de magneziu de la Mandimu





Pentru a avea garanția că ceea ce declarăm pe ambalaj corespunde conținutului comprimatului.

## Control dublu al calității

Solicităm certificate de calitate și siguranță pentru materiile prime utilizate de la toți producătorii noștri. Însă acesta nu este totul. Pe lângă obligațiile obișnuite, supunem produsele finale unor teste suplimentare în laboratoare independente și acreditate.

## Ce au confirmat testele de laborator?

 Analiza de laborator independentă a **confirmat conținutul corespunzător de magneziu elementar**

 Produsul **respectă limitele stricte** impuse la nivel european **privind conținutul de metale grele**

ELEMENT	VALOAREA MĂSURATĂ (MG/KG)	LIMITA MAXIMĂ UE (MG/KG)	REZULTAT
PLUMB (PB)	0,033	3,000	● CU MULT SUB LIMITĂ
CADMIU (CD)	< 0,0050	1,000	● NEDETECTAT
MERCUR (HG)	< 0,030	0,100	● NEDETECTAT
ARSEN (AS)	< 0,10	NEDETERMINAT	● NEDETECTAT
STANIU (SN)	< 0,10	NEDETERMINAT	● NEDETECTAT

 Ambalajul **nu conține microorganisme dăunătoare**

MICROORGANISM	VALOAREA MĂSURATĂ (CFU/G)	REZULTAT
ESCHERICHIA COLI	< 10	● NEDETECTAT
DROJDIE	< 10	● NEDETECTAT
MUCEGAI	< 10	● NEDETECTAT

Pe paginile următoare veți găsi toate analizele efectuate de laboratoarele independente și acreditate, din care provine acest rezumat.

# mandimu



## CERTIFICATE OF ANALYSIS

<b>Work Order</b>	: <b>FP2605754-AA</b>	<b>Issue Date</b>	: 30-Mar-2026
<b>Customer</b>	: <b>VERDON CAPITE s.r.o.</b>	<b>Laboratory</b>	: ALS Czech Republic, s.r.o.
<b>Contact</b>	: Mariana Barlet	<b>Contact</b>	: F&P Client Service
<b>Address</b>	: Bělehradská 858/23 Vinohrady 120 00 Praha 2	<b>Address</b>	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
<b>E-mail</b>	: mariana.barlet@mandimu.com	<b>E-mail</b>	: czsupport.food@alsglobal.com
<b>Telephone</b>	: ----	<b>Telephone</b>	: +420 226 226 998
<b>Project</b>	: ----	<b>Page</b>	: 1 of 2
<b>Order number</b>	: ----	<b>Date Samples</b>	: 11-Mar-2026
		<b>Received</b>	
		<b>Quote number</b>	: PR2024VERCA-CZ0001 (CZ-114-24-0000)
<b>Site</b>	: ----	<b>Date of test</b>	: 12-Mar-2026 - 27-Mar-2026
<b>Sampled by</b>	: zákazník	<b>QC Level</b>	: 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
<b>Microbiological Parameters</b>													
Escherichia coli	B-EC1	10	CFU/g	<10	---	----	----	----	----	----	----	----	----
Moulds	B-YEMOU1	10	CFU/g	<10	---	----	----	----	----	----	----	----	----
Yeast	B-YEMOU1	10	CFU/g	<10	---	----	----	----	----	----	----	----	----
<b>Total Metals / Major Cations</b>													
Lead	B-METMSDGL	0.010	mg/kg	<b>0.033</b>	± 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)**

	<b>Mg</b> mg/kg
<b>CH 8707</b>	<b>183689</b> (±10%)

**Results of testing provided by subcontractors**

	<b>Vitamin E</b> mg/kg	<b>Vit. E</b> 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  
<sup>1</sup> Rantí ovská 93/20, Horní Kosov, 586 01 Jihlava

Subcontracting Laboratory  
<sup>s19</sup> 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 -----