



## CERTIFICATE OF ANALYSIS

**Work Order** : FP2527112-AD **Issue Date** : 19-Aug-2025

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

**Contact** : Ondřej Dančák **Contact** : F&P Client Service

**Address** : Smetanova 1022/19 **Address** : Na Harfe 336/9 Prague 9 - Vysocany  
Veveří 190 00 Czech Republic  
602 00 Brno-střed

**E-mail** : ondrejdancak@vilgain.com **E-mail** : czsupport.food@alsglobal.com

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

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

**Order number** : 6.8.2025 **Date Samples** : 08-Aug-2025

**Site** : ---- **Received** : FP2024VILGA-CZ0001  
(CZ-114-24-5130)

**Sampled by** : zákazník **Date of test** : 08-Aug-2025 - 19-Aug-2025

**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

Kateřina Hubáčková

#### 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

08-Aug-2025 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
FP2527112-004	vilgain L-Tryptophan 90 cps	06-Aug-2025 00:00



## Analytical Results

Sub-Matrix: DIETARY SUPPLEMENT		Laboratory sample ID		FP2527112-004		-----		-----	
		Client sampling date / time		06-Aug-2025 00:00		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
<b>Total Metals / Major Cations</b>									
Arsenic	B-METAXDG2	2.0	mg/kg	<2.0	---	----	----	----	----
Cadmium	B-METAXDG2	0.10	mg/kg	<b>0.16</b>	± 20.0%	----	----	----	----
Lead	B-METAXDG2	1.0	mg/kg	<1.0	---	----	----	----	----
Mercury	B-HG-AMADT	0.030	mg/kg	<0.030	---	----	----	----	----

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-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-METAXDG2	CZ_SOP_D06_09_001 (US EPA 200.7, ČSN EN ISO 11885, Determination of elements by atomic emission 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.

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***