



CERTIFICATE OF ANALYSIS

Work Order	: FP2419454-AC	Issue Date	: 21-Jul-2024
Customer	: Vilgain s.r.o.	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Gabriela Tomášková	Contact	: F&P Client Service
Address	: Smetanova 1022/19 Veveří 602 00 Brno-střed	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: gabrielatomaskova@aktin.cz	E-mail	: czsupport.food@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 998
Project	: ----	Page	: 1 of 2
Order number	: ----	Date Samples	: 04-Jul-2024
		Received	
		Quote number	: PR2023VILGA-CZ0001 (CZ-114-23-0000)
Site	: ----	Date of test	: 04-Jul-2024 - 15-Jul-2024
Sampled by	: zákazník	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



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
No. of samples analysed : 1

Date Samples Received
04-Jul-2024 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
FP2419454-003	Vilgain Lion's Mane 90 capsules, A052024 1.6.2026	04-Jul-2024



Analytical Results

Sub-Matrix: DIETARY SUPPLEMENT				Laboratory sample ID		-----		-----	
				Client sampling date / time		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Microbiological Parameters									
Escherichia coli	B-EC1	10	CFU/g	<10	---	----	----	----	----
Salmonella spp.	B-SALMELI1	-	--	negative/25g	---	----	----	----	----
Total Viable Count	B-TVC1	10	CFU/g	3E+04	---	----	----	----	----
Total Metals / Major Cations									
Arsenic	B-METAXDG2	2.0	mg/kg	<2.0	---	----	----	----	----
Cadmium	B-METAXDG2	0.10	mg/kg	<0.10	---	----	----	----	----
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-EC1	CSN ISO 16649-2. Enumeration of beta-glucuronidase-positive Escherichia coli by cultivation.
B-HG-AMADT	CZ_SOP_D06_09_024 (ČSN 46 5735, ČSN 75 7440, ČL, PhEur, USP) 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.
B-SALMELI1	CZ_SOP_D06_09_309 (manual Solus). Detection of Salmonella by ELISA method - commercial set Solus Salmonella. Enrichment and confirmation of the sample according to CSN EN ISO 6579-1.
B-TVC1	CSN EN ISO 4833-1. Enumeration of microorganisms 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