



CERTIFICATE OF ANALYSIS

Work Order	: FP2127424	Issue Date	: 03-Nov-2021
Customer	: Sibipharm s.r.o.	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Razumov Evgeny	Contact	: F&P Client Service
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Project	: ----	Page	: 1 of 3
Order number	: ----	Date Samples	: 13-Oct-2021
		Received	
		Quote number	: PR2021SIBIP-CZ0001 (CZ-114-21-0000)
Site	: ----	Date of test	: 15-Oct-2021 - 03-Nov-2021
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 declares that the test results relate only to the listed samples. If the section "Sampled by" of the Certificate of analysis states: "Sampled by Customer" then the results relate to the sample as received.

The reference date for activity concentrations of radionuclides is 13.10.2021

Accreditation status of parameters depends on tested matrix type.

UK MRL of pesticides are based on Regulation (EC) No. 396/2005.

Responsible for accuracy

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

Signatories

Marek Jiricek

Position

Food & Pharmaceutical Manager



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
13-Oct-2021 09:00

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component. Bracketted 'Laboratory sample ID' indicates that no analysis was performed on the sample.

Sub-Matrix : FOOD SUPPLEMENT

Laboratory sample ID	Client sample ID	Client sampling date / time
FP2127424-001	Chaga mushroom	13-Oct-2021



Analytical Results

Sub-Matrix: FOOD SUPPLEMENT				Laboratory sample ID		FP2127424-001		-----	
				Client sampling date / time		13-Oct-2021		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Microbiological Parameters									
Escherichia coli	B-EC1	10	CFU/g	<10	---	----	---	----	---
Moulds	B-YEMOU1	10	CFU/g	<10	---	----	---	----	---
Salmonella spp.	B-SALMELI	-	--	negative	---	----	---	----	---
Listeria monocytogenes	B-LISTDELI	-	--	negative	---	----	---	----	---
Radiological Parameters									
Cesium 134	B-RAD	5	Bq/kg	<5	---	----	---	----	---
Cesium 137	B-RAD	5	Bq/kg	6	± 15.0%	----	---	----	---
Iodine 131	B-RAD	1.0	Bq/kg	<1.0	---	----	---	----	---
Total Metals / Major Cations									
Cadmium	B-METMSDT1	0.040	mg/kg	0.150	± 20.0%	----	---	----	---
Lead	B-METMSDT1	0.050	mg/kg	0.086	± 20.0%	----	---	----	---
Mercury	B-HG-AMAT	0.0030	mg/kg	0.0114	± 20.0%	----	---	----	---
Pesticides									
Screening of Pesticides	B-PESLC	-	-	in the attachment TCHC1306193-1	---	----	---	----	---

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.

The end of result part of the certificate of analysis

Brief Method Summaries

Analytical Methods	Method Descriptions
<i>Location of test performance: Bendlova 1687/7 Ceska Lipa Czech Republic 470 01</i>	
B-RAD	CZ_SOP_D06_07_367 (CSN EN ISO 10703, SUJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017) Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides.
<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-AMAT	CZ_SOP_D06_04_024 (ČSN 46 5735, ČSN 75 7440, ČL, PhEur, USP, samples prepared as per CZ_SOP_D06_04_P01 chap. 10.1) Determination of Hg by atomic absorption spectrometry.
B-LISTDELI	CZ_SOP_D06_04_326 (manual Solus). Detection of Listeria by ELISA method - commercial set Solus Listeria. Dosing of the sample for the detection of bacteria was done according to legislation requirements, unless stated otherwise in report comment.
B-METMSDT1	CZ_SOP_D06_04_002 (US EPA 200.8, ČSN EN ISO 17294-2, ČSN EN 15111, samples prepared as per CZ_SOP_D06_04_P01 (chap. 10.1, 10.2, 10.3) 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-PESLC	Pesticide screening LC-MS [Subcontracted]
B-SALMELI	CZ_SOP_D06_04_309 (manual Solus). Detection of Salmonella by ELISA method - commercial set Solus Salmonella. Dosing of the sample for the detection of bacteria was done according to legislation requirements, unless stated otherwise in report comment. Enrichment and confirmation of the sample according to CSN EN ISO 6579-1.
B-YEMOU1	CSN ISO 21527-1,2. Enumeration of yeasts and moulds by cultivation.

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A “*” symbol preceding any method indicates laboratory or subcontractor non-accredited test. 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. In the case when a procedure specified in an accredited method was used for non-accredited matrix, the reported results are non-accredited; please refer to information in General Comment section on the front page. If the report contains subcontracted analyses, those are made in a subcontracted laboratory outside the laboratories ALS Czech Republic, s.r.o.

The calculation methods of summation parameters are available on request in the client service.