



CERTIFICATE OF ANALYSIS

Work Order	: FP2616007	Issue Date	: 03-Jul-2026
Amendment	: 1		
Customer	: Geim s.r.o.	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Filip Matějka	Contact	: F&P Client Service
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Project	: ----	Page	: 1 of 3
Order number	: ----	Date Samples	: 10-Jun-2026
		Received	
		Quote number	: ----
Site	: ----	Date of test	: 10-Jun-2026 - 30-Jun-2026
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.

The sample FP2616007-001, the method B.PESMRS-02 is not accredited for this matrix

The sample FP2616007-001, the method B-BETAGLUCAN is not accredited for this matrix

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

Pesticide screening: Accreditation status of parameters depends on tested matrix type.

Attachment/s number TCHC2172258-1 is/are an integral part of the certificate of analysis.

The indicated range of pesticide residues (screening) does not fully agree with the range of residues specified in Council Regulation No. 396/2005, in current wording. This is only a recommended list of residues. Specific residues must be requested outside this range (screening). The indicated range of pesticide residues (screening) may not coincide with the requirements of the authorities.

Attachment number 1 is an integral part of the certificate of analysis.

The method B-VB12ELI01, LOR of determined parameters may be increased due to character of the matrix/ sample preparation/ dilution of the sample.

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
No. of samples analysed : 1

Date Samples Received
10-Jun-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
FP2616007-001	Sáčky pod ret s funkčními houbami, šarže 20260313	09-Jun-2026

Analytical Results

Sub-Matrix: DIETARY SUPPLEMENT

Laboratory sample ID
Client sampling date / time

				FP2616007-001		-----		-----	
				09-Jun-2026		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Microbiological Parameters									
Bacillus cereus	B-BACC1	50	CFU/g	<50	----	----	----	----	----
Enterobacteriaceae	B-ENTB1	10	CFU/g	<10	----	----	----	----	----
Escherichia coli	B-EC1	10	CFU/g	<10	----	----	----	----	----
Moulds	B-YEMOU1	10	CFU/g	<10	----	----	----	----	----
Pseudomonas aeruginosa	B-PSEUD1	50	CFU/g	<50	----	----	----	----	----
Salmonella spp.	B-SALMELH1	-	--	negative/25g	----	----	----	----	----
Staphylococcus aureus	B-STAPH1	10	CFU/g	<10	----	----	----	----	----
Total Viable Count	B-TVC1	10	CFU/g	<10	----	----	----	----	----
Yeast	B-YEMOU1	10	CFU/g	<10	----	----	----	----	----
Nutritional Panel									
Dry matter	B-DRY-SUB	0.8	g/100 g	93.4	±1.3	----	----	----	----
Moisture	B-DRY-SUB	0.8	g/100 g	6.6	±1.3	----	----	----	----
Other									
Content of Betaglucans in a 100% Dry Matter	B-BETAGLUCAN	-	% (m/m)	12.0	----	----	----	----	----
Content of Betaglucans in a Dry Matter Basis	B-BETAGLUCAN	-	% (m/m)	11.3	----	----	----	----	----
Dry matter	B-BETAGLUCAN	-	% (m/m)	94.1	----	----	----	----	----
Physical-Chemical Parameters									
Water Activity	B-AW-PR	0.005	-	0.430	± 1.0%	----	----	----	----
Total Metals / Major Cations									
Arsenic	B-METMSDT1	0.10	mg/kg	<0.10	----	----	----	----	----
Cadmium	B-METMSDT1	0.040	mg/kg	<0.040	----	----	----	----	----
Lead	B-METMSDT1	0.050	mg/kg	<0.050	----	----	----	----	----
Mercury	B-HG-AMADT	0.030	mg/kg	<0.030	----	----	----	----	----
Pesticides									
Screening of Pesticides	B-PESMRS-02	-	-	in the attachment TCHC2172258-1	----	----	----	----	----
Mycotoxins									
Aflatoxin G2	B-MP2360Aflat	0.50	µg/kg	<0.50	----	----	----	----	----
Aflatoxin G1	B-MP2360Aflat	0.50	µg/kg	<0.50	----	----	----	----	----
Ochratoxin A	B-MP2360Mycot	1.0	µg/kg	<1.0	----	----	----	----	----
Aflatoxin B2	B-MP2360Aflat	0.50	µg/kg	<0.50	----	----	----	----	----
Aflatoxin B1	B-MP2360Aflat	0.50	µg/kg	<0.50	----	----	----	----	----
Aflatoxin - Total (B1, B2, G1, G2)	B-MP2360Aflat	0.50	µg/kg	<0.50	----	----	----	----	----
Vitamins									
Vitamin B12	B-VB12ELI01	0.050	µg/100g	6310	± 20.0%	----	----	----	----
Evaluation									
Evaluation	B-EVAL01	-	-	v příloze č.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.



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-AW-PR	ČSN ISO 18787 Determination of water activity by dew point measurement method
B-BACC1	CSN EN ISO 7932. Enumeration of Bacillus cereus by cultivation.
B-BETAGLUCAN	Determination of betaglacans - enzymatic method (Instructions of firm Megazyme) [Subcontracted]
B-EC1	CSN ISO 16649-2. Enumeration of beta-glucuronidase-positive Escherichia coli by cultivation.
B-ENTB1	CSN ISO 21528-2. Enumeration of Enterobacteriaceae by cultivation.
*B-EVAL01	Evaluation of food results
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-METMSDT1	CZ_SOP_D06_09_002 (US EPA Method 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-PESMRS-02	GC-MS + LC-MS/MS pesticide multi-residue screen (cereals, oils, oily samples, dried herbs, tea, meat, fish etc.) [Subcontracted]
*B-PSEUD1	CZ_SOP_D06_09_N01. Enumeration of Pseudomonas spp. according to internal instructions.
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-STAPH1	CSN EN ISO 6888-1. Enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) by cultivation.
B-TVC1	CSN EN ISO 4833-1. Enumeration of microorganisms by cultivation.
B-VB12ELI01	CZ_SOP_D06_09_230 (manual R-Biopharm - Ridascreen Fast Vitamin B12) Determination of Vitamin B12 by ELISA method - commercial set.
B-YEMOU1	CSN ISO 21527-1; CSN ISO 21527-2. Enumeration of yeasts and moulds by cultivation.
<i>Location of test performance: Via Viatta, 1 Zoppola Friuli Venezia Giulia Italy 33080</i>	
B-MP2360Aflat	Determination of mycotoxins in food for human use and feed
B-MP2360Mycot	Determination of mycotoxins in food for human use and feed MP.2360:R4.2025
<i>Location of test performance: Zona Industrial Tondela ZIM II Lote 2 e 6 Tondela Portugal 3460-070</i>	
B-DRY-SUB	Determination of dry matter by gravimetry, MI LAQ 96 [Subcontracted]

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