



CERTIFICATE OF ANALYSIS

Work Order	: FP2204304	Issue Date	: 02-Mar-2022
Customer	: BEWIT FRANCHISE, s.r.o.	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: ----	Contact	: F&P Client Service
Address	: Michalská 2030 Slezská Ostrava 710 00 Ostrava	Address	: Na Harfe 336/9 Prague 9 - Vysocany 190 00 Czech Republic
E-mail	: ----	E-mail	: czsupport.food@alsglobal.com
Telephone	: ----	Telephone	: +420 226 226 998
Project	: ----	Page	: 1 of 2
Order number	: ----	Date Samples	: 15-Feb-2022
		Received	
		Quote number	: PR2021BEWFR-CZ0001 (CZ-114-21-0000)
Site	: Bewit Franchise, s.r.o.	Date of test	: 16-Feb-2022 - 02-Mar-2022
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.

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
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
15-Feb-2022 14:00

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 : POWDER

Laboratory sample ID	Client sample ID	Client sampling date / time
FP2204304-001	Barley grass juice powder/ Prášek ze šťávy z mladého ječmene	20-Jan-2022



Analytical Results

Sub-Matrix: POWDER		Laboratory sample ID		FP2204304-001		-----		-----	
		Client sampling date / time		20-Jan-2022		----		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU
Vitamins									
Vitamin A (Retinol)	B-VALCF02	0.50	mg/kg	<0.50	---	----	---	----	---
Vitamin B12	B-VB12ELI01	0.050	µg/100g	1.34	± 20.0%	----	---	----	---
Vitamin B2 (Riboflavin)	B-VB26LC02	0.10	mg/kg	9.46	± 30.0%	----	---	----	---
Vitamin B9 (Folic Acid)	B-VB9ELI01	10	µg/kg	1170	± 12.0%	----	---	----	---
Vitamin D2	B-VDLCP02	12.5	µg/kg	<12.5	---	----	---	----	---
Vitamin D3	B-VDLCP02	12.5	µg/kg	<12.5	---	----	---	----	---

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: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00</i>	
B-VALCF02	CZ_SOP_D06_04_206 (CSN EN 128 23-1, CSN EN 128 22) Determination of retinol and alpha tocopherol by liquid chromatography method with FLD detection.; Method uncertainty for food is 15% and for feed is 30%.
B-VB12ELI01	CZ_SOP_D06_04_230 (manual R-Biopharm - Ridascreen Fast Vitamin B12) Determination of Vitamin B12 by ELISA method - commercial set.
B-VB26LC02	CZ_SOP_D06_04_218 (CSN EN 14122, CSN EN 14152, CSN EN 14663) Determination of vitamins B1, B2 and B6 by liquid chromatography method with FLD detection.
B-VB9ELI01	CZ_SOP_D06_04_219 (manual R-Biopharm - Ridascreen Folic Acid) Determination of folic acid by ELISA method - commercial set.
B-VDLCP02	CZ_SOP_D06_04_229 (AN-1069 Thermo - application sheet) Determination of fat soluble vitamins (D2 and D3) by two-dimensional liquid chromatography method with PDA detection.

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.