



CERTIFICATE OF ANALYSIS

Work Order	: FP2418816	Issue Date	: 22-Jul-2024
Customer	: Kyosun s.r.o.	Laboratory	: ALS Czech Republic, s.r.o.
Contact	: Petr Patočka	Contact	: F&P Client Service
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Telephone	: ----	Telephone	: +420 226 226 998
Project	: Bio Matcha Tea Harmony a Imperial šarže: 20240601	Page	: 1 of 3
Order number	: ----	Date Samples Received	: 28-Jun-2024
Site	: ----	Quote number	: PR2022CAJKV-CZ0001 (CZ-114-22-0000)
Sampled by	: zákazník	Date of test	: 01-Jul-2024 - 18-Jul-2024
		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.

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

Attachment/s number TCHC1781552-1 is/are an integral part of the certificate of analysis.

Attachment/s number TCHC1781551-1 is/are an integral part of the certificate of analysis.

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

B-PESMRS: The Method is not accredited for this type of matrix.

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 : 2

Date Samples Received

No. of samples analysed : 2

28-Jun-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 : NON-ALCOHOLIC DRINKS

Laboratory sample ID	Client sample ID	Client sampling date / time
FP2418816-001	Bio Matcha Tea Harmony -- šarže 20240601	28-Jun-2024
FP2418816-002	Bio Matcha Tea Imperial -- šarže 20240601	28-Jun-2024



Analytical Results

Sub-Matrix: NON-ALCOHOLIC DRINKS				Laboratory sample ID		FP2418816-001		FP2418816-002		-----	
				Client sampling date / time		28-Jun-2024		28-Jun-2024		----	
Parameter	Method	LOR	Unit	Result	MU	Result	MU	Result	MU		
Microbiological Parameters											
Escherichia coli	B-EC1	10	CFU/g	<10	---	<10	---	----	----		
Salmonella spp.	B-SALMELI1	-	--	----	---	negative/25g	---	----	----		
Total Viable Count	B-TVC1	10	CFU/g	1.7E+03	---	2.1E+03	---	----	----		
Total Metals / Major Cations											
Lead	B-METMSDGL	0.010	mg/kg	0.061	± 20.0%	0.110	± 20.0%	----	----		
Cadmium	B-METMSDGL	0.0050	mg/kg	0.0197	± 20.0%	0.0375	± 20.0%	----	----		
Arsenic	B-METMSDGL	0.10	mg/kg	<0.10	---	<0.10	---	----	----		
Pesticides											
Screening of Pesticides	B-PESMRS	-	-	in the attachment TCHC1781552-1	---	in the attachment TCHC1781551-1	---	----	----		
Mycotoxins											
Aflatoxin B1	B-MYCOTOXINS1	0.5	µg/kg	----	---	<0.5	---	----	----		
Deoxynivalenol	B-MYCOTOXINS2	14	µg/kg	----	---	<14	---	----	----		
Patulin	B-PATULIN	1	µg/kg	----	---	<1	---	----	----		
Aflatoxin B2	B-MYCOTOXINS1	0.5	µg/kg	----	---	<0.5	---	----	----		
Zearalenone	B-MYCOTOXINS2	20	µg/kg	----	---	<20	---	----	----		
Aflatoxin G1	B-MYCOTOXINS1	0.5	µg/kg	----	---	<0.5	---	----	----		
Aflatoxin G2	B-MYCOTOXINS1	0.5	µg/kg	----	---	<0.5	---	----	----		
Sum of Aflatoxins	B-MYCOTOXINS1	0.5	µg/kg	----	---	<0.5	---	----	----		
Ochratoxin A	B-MYCOTOXINS2	1	µg/kg	----	---	<1	---	----	----		
Alkaloids											
Caffeine	B-ALCLCP02	10.0	mg/kg	19000	± 15.0%	26100	± 15.0%	----	----		

Descriptive Results

Sub-Matrix: NON-ALCOHOLIC DRINKS

Method: Compound	Laboratory sample ID	Client sample ID - Client sampling date / time	Analytical Results
Miscellaneous Parameters			
B-UNICO1-SUB: Subcontracted Analysis	FP2418816-002	Bio Matcha Tea Imperial -- šarže 20240601 28-Jun-2024	in the attachment 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
Location of test performance: Na Harfe 336/9 Prague 9 - Vysocany Czech Republic 190 00	
B-ALCLCP02	CZ_SOP_D06_09_210 (CSN EN 12856, CSN 56 0578) Determination of caffeine, theobromine, and theophylline by liquid chromatography method with PDA detection and calculation of fat-free cocoa solids from measured values
B-EC1	CSN ISO 16649-2. Enumeration of beta-glucuronidase-positive Escherichia coli by cultivation.
B-METMSDGL	CZ_SOP_D06_09_002 (US EPA 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-MYCOTOXINS1	Determination of mycotoxins (Aflatoxins) by LC/MS-MS (MP.2360:R1.2023) [Subcontracted]
B-MYCOTOXINS2	Determination of mycotoxins (Ochratoxin, Zearalenone, Deoxynivalenol) by LC/MS-MS (MP.2360:R1.2023) [Subcontracted]
B-PATULIN	Determination of patulin by LC-MS/MS [Subcontracted]
B-PESMRS	General pesticide screening GC-MS [Subcontracted]
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.

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Customer : Kyosun s.r.o.



<i>Analytical Methods</i>	<i>Method Descriptions</i>
B-TVC1	CSN EN ISO 4833-1. Enumeration of microorganisms by cultivation.
B-UNICO1-SUB	Universal code for subcontracted service. The method is not within the scope of accreditation of ALS Czech Republic, s.r.o., the information about the subcontractor accreditation is given in the appendix.

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