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Reg. No. 051/S-104

CERTIFICATE OF ANALYSIS

Work Order	: RM2110412	Page	: 1 of 2
Laboratory	: ALS SK, s.r.o.	Client	: LT world s.r.o.
Contact	: Client Service	Contact	: Ľudovít Kováč
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E-mail	: marketing.rs@alsglobal.com	E-mail	: ludovit.kovac@tropicaltree.sk
Telephone	: +421475811617	Telephone	: 0948 510 510
Project	: ----	Date Samples Received	: 07-Oct-2021
Order number	: ----	Issue date	: 14-Oct-2021
C-O-C number	: ----	No. of samples received	: 1
Sampler	: Klient	No. of samples analysed	: 1
Site	: ----	Date of test	: 07-Oct-2021 - 14-Oct-2021
Quote number	: ----		

General Comments

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

When no sampling time is provided, the sampling time will default 00:00 on the date of sampling. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component.

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 items tested and do not substitute any other documents.

Laboratory is accredited by SNAS, that is signatory to the ILAC MRA for accreditation of Testing Laboratories.

The sampling has been carried out by customer. Range of analysis is on the base of a customer demand.

Sample Information

No. of samples received : 1

Date Samples Received

No. of samples analysed : 1

07-Oct-2021 13:31

Sub-Matrix : BIOTA

Laboratory sample ID	Client sample ID	Analysis start date
RM2110412-001	KRATOM	07-Oct-2021

Analytical Results

Sub-Matrix: BIOTA

Laboratory sample ID : RM2110412001
Analysis start date : 2021-10-07 00:00

Parameter	Method	LOR	Unit	Result	MU	AK
Microbiological Parameters						
Salmonella	B-SALM025	-	/25g	Negative	----	A
Staphylococcus aureus	B-STPA1	10	CFU/g	<10	----	A
Metals / Major Cations						
Cadmium	B-CD-ETA	0.005	mg/kg	0.010	± 13.6%	A
Lead	B-PB-ETA	0.010	mg/kg	0.038	± 13.5%	A
Mercury	B-HG-AMA	0.0003	mg/kg	0.0276	± 15.0%	A

Brief Method Summaries

Analytical Methods	Method Descriptions
B-CD-ETA	ŠPP INO-MA-02 Determination of chemical elements in foodstuffs by Atomic absorption spectrometry
B-HG-AMA	ŠPP INO-MA-01 Determination of mercury in foodstuffs by Atomic absorption spectrometry
B-PB-ETA	ŠPP INO-MA-02 Determination of chemical elements in foodstuffs by Atomic absorption spectrometry



Analytical Methods	Method Descriptions
B-SALM025	STN EN ISO 6579-1 (ŠPP MB-M-04) Microbiology of the food chain. Horizontal method for the detection, enumeration and serotyping of Salmonella. Part 1: Detection of Salmonella spp.
B-STPA1	STN EN ISO 6888-1 (ŠPP MB-M-05) Microbiology of food and animal feeding stuffs. Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species). Part 1: Technique using Baird-Parker agar medium (ISO 6888-1:1999)

Key: LOR = Limit of reporting represents the standard LOR for the respective parameters in each method. Note that limits of reporting may be affected if, e.g. additional dilution was required because of matrix effects, or the sample quantity was limited.; **MU** = Measurement Uncertainty; **ČSN** = Czech Technical Standard; **STN** = Slovak Technical Standard; **TL** = Testing laboratory; **SM** = Directive; **ŠPP, SOP** = Standard Operating Procedure; **AK** = accreditation key; **A** = accredited; **N** = not accredited; **SA** = subcontracted accredited; **SN** = subcontracted not accredited; **CFU** = Colony forming units

The uncertainty is given as extended uncertainty (according to the definition in "Guide to the Expression of Measurement", JCGM 100:2008 Corrected version 2010) calculated with a coverage factor of 2, which give level of approximately 95%. Measurement of uncertainty is reported only for detected substances with levels above the reporting limits.

The uncertainty from subcontractors is often given as extended uncertainty calculated with a coverage factor of 2. Contact the laboratory for further information.

Regulatory compliance / non-compliance

RM2110412-001

The analyzed sample is in compliance with Decree of MA SR and MH SR No. 06267/2006-SL of 6 February 2006

Responsible for accuracy



Approved by:


Ľuboš Fraňo
General Manager
