

Certificate of Analysis

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Client:	OM Natural Health Limited	Lab No:	3718029	SPV1
Contact:	Ian Ord	Date Received:	18-Nov-2024	
	C/- OM Natural Health Limited	Date Reported:	25-Nov-2024	
	1 Anzac Avenue	Quote No:		
	Whakatane 3120	Order No:		
		Client Reference:		
		Submitted By:	Ian Ord	

Sample Type: Plant Derived Food Additives and Supplements

	Sample Name:	Lion's Mane capsules	Turkey Tail capsules	Chaga capsules
	Lab Number:	3718029.1	3718029.2	3718029.3
Antimony	mg/kg as rcvd	< 0.10	< 0.10	< 0.10
Arsenic	mg/kg as rcvd	< 0.10	< 0.10	< 0.10
Bismuth	mg/kg as rcvd	< 0.010	< 0.010	< 0.010
Cadmium	mg/kg as rcvd	0.063	0.24	0.104
Copper	mg/kg as rcvd	4.0	5.3	3.4
Lead	mg/kg as rcvd	0.03	0.44	0.53
Mercury	mg/kg as rcvd	< 0.010	< 0.010	< 0.010
Silver	mg/kg as rcvd	0.158	0.014	< 0.010
Tin	mg/kg as rcvd	< 0.10	< 0.10	< 0.10
Total Heavy Metals	mg/kg as rcvd	4.3	6.2	4.2

Summary of Methods

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively simple matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis. A detection limit range indicates the lowest and highest detection limits in the associated suite of analytes. A full listing of compounds and detection limits are available from the laboratory upon request. Unless otherwise indicated, analyses were performed at Hill Labs, 28 Duke Street, Frankton, Hamilton 3204.

Sample Type: Plant Derived Food Additives and Supplements

Test	Method Description	Default Detection Limit	Sample No
Biological Materials Digestion	Nitric and hydrochloric acid micro digestion, filtration. In-house based on APHA 3030.	-	1-3
Antimony	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.10 mg/kg as rcvd	1-3
Arsenic	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.10 mg/kg as rcvd	1-3
Bismuth	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.010 mg/kg as rcvd	1-3
Cadmium	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.004 mg/kg as rcvd	1-3
Copper	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.05 mg/kg as rcvd	1-3
Lead	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.02 mg/kg as rcvd	1-3
Mercury	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.010 mg/kg as rcvd	1-3
Silver	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.010 mg/kg as rcvd	1-3
Tin	Biological materials digestion. Analysis by ICP-MS. In-house based on APHA 3125.	0.10 mg/kg as rcvd	1-3
Total Heavy Metals	Calculation: sum of individual metals (antimony, arsenic, bismuth, cadmium, copper, lead, mercury, silver, tin). Heavy Metals Test (as lead sulfide), Food Chemicals Codex 4 th Edition, 1996 (modified - ICP-MS analysis).	1.0 mg/kg as rcvd	1-3

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Testing was completed between 22-Nov-2024 and 25-Nov-2024. For completion dates of individual analyses please contact the laboratory.

Samples are held at the laboratory after reporting for a length of time based on the stability of the samples and analytes being tested (considering any preservation used), and the storage space available. Once the storage period is completed, the samples are discarded unless otherwise agreed with the customer. Extended storage times may incur additional charges.

This certificate of analysis must not be reproduced, except in full, without the written consent of the signatory.

A handwritten signature in blue ink, appearing to read 'Kim Thomas', with a long horizontal flourish extending to the right.

Kim Thomas NZCS (Food Chem)
Senior Laboratory Technician - Food and Bioanalytical