



LABORATORY SERVICES
Agriculture and Food Laboratory

FINAL Report
Submission# **23-037474**
Reported: 2023-May-23

Submitted By:

Client ID: 1788705

CHIN TAI GINSENG CO. LTD

KATHY ROUSE

4425 HWY 24

SCOTLAND, ON N0E 1R0

Owner:

KATHY ROUSE

Phone: 226 228-3784

Sampling Date: 2023-May-05

Received Date: 2023-May-08

Metals by ICPMS **Method ID: TOXI-064**

Specimen/Parameter		Result	MDL*	Units	Date extracted	Date analysed	Date authorized	Comments
Sample ID:		23-037474-0004						
Client Sample ID:		0105235539.1						
Specimen type:		Other						
Aluminium		32	0.017	ppm	2023-May-18	2023-May-23	2023-May-23	
Antimony		0.0053	0.0003	ppm	2023-May-18	2023-May-23	2023-May-23	
Arsenic		0.038	0.001	ppm	2023-May-18	2023-May-23	2023-May-23	
Beryllium		0.0016	0.0001	ppm	2023-May-18	2023-May-23	2023-May-23	
Boron		4.3	0.01	ppm	2023-May-18	2023-May-23	2023-May-23	
Cadmium		0.46	0.001	ppm	2023-May-18	2023-May-23	2023-May-23	
Chromium		0.30	0.012	ppm	2023-May-18	2023-May-23	2023-May-23	
Cobalt		0.24	0.0003	ppm	2023-May-18	2023-May-23	2023-May-23	
Copper		8.0	0.006	ppm	2023-May-18	2023-May-23	2023-May-23	
Iron		36	0.05	ppm	2023-May-18	2023-May-23	2023-May-23	
Lead		0.052	0.002	ppm	2023-May-18	2023-May-23	2023-May-23	
Magnesium		510	0.04	ppm	2023-May-18	2023-May-23	2023-May-23	
Manganese		12	0.002	ppm	2023-May-18	2023-May-23	2023-May-23	
Mercury		0.011	0.0001	ppm	2023-May-18	2023-May-23	2023-May-23	
Molybdenum		0.027	0.001	ppm	2023-May-18	2023-May-23	2023-May-23	
Nickel		1.6	0.01	ppm	2023-May-18	2023-May-23	2023-May-23	
Selenium		0.030	0.005	ppm	2023-May-18	2023-May-23	2023-May-23	
Tin		<MDL	0.02	ppm	2023-May-18	2023-May-23	2023-May-23	
Titanium		0.86	0.02	ppm	2023-May-18	2023-May-23	2023-May-23	
Zinc		22	0.05	ppm	2023-May-18	2023-May-23	2023-May-23	

* MDL - Method detection limit

Toxicologist: Felipe A Reggeti DVM PhD Dipl ACVP, Animal Health Laboratory 519 824 4120 ext. 54993 freggeti@uoguelph.ca

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Reported: 2023-May-23

Aerobic count petrifilm Method ID:MID-103 (MFHPB-33)

Date Authorized: 2023-May-10 14:20

Sample ID	Client Sample ID	Specimen Type Sampling Date / Time	Aerobic count petrifilm solid
0002	0105235539.1	Other 23-May-05	4.00E+03cfu/g

EC O157:H7 BAX detection Method ID:MID-220 (MFLP-30)

Date Authorized: 2023-May-09 14:37

Sample ID	Client Sample ID	Specimen Type Sampling Date / Time	E. coli O157:H7 BAX detection
0002	0105235539.1	Other 23-May-05	Negative

Salmonella detection HPB-20 Method ID:MID-112 (MFHPB-20)

Date Authorized: 2023-May-11 15:28

Sample ID	Client Sample ID	Specimen Type Sampling Date / Time	Salmonella detection HPB-20
0002	0105235539.1	Other 23-May-05	Negative

Yeast & Mold Count cfu/g Method ID:MID-129 (MFHPB-22)

Date Authorized: 2023-May-15 15:40

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Reported: 2023-May-23

Yeast & Mold Count cfu/g Method ID:MID-129 (MFHPB-22)

Date Authorized: 2023-May-15 15:40

Sample ID	0002
Client Sample ID	0105235539.1
Specimen type	Other
Sampling date/time	23-MAY-05 00:00
Yeast count	<5.00E+01 cfu/g
Mold count	<5.00E+01 cfu/g

Co-Supervisor: Susan Lee PhD, Agriculture and Food Laboratory 519 823-1268 ext 57211 suelee@uoguelph.ca

Co-Supervisor: Carlos Leon Velarde PhD, Agriculture and Food Laboratory 519 823-1268 ext 57301 cleonvel@uoguelph.ca

Sulphite Method ID:Subcontracted

Date Authorized: 2023-May-16 15:51

Sample ID	Client Sample ID	Specimen type	Sampling date / time	Test	Result	Units	Note
0003	0105235539.1	Flower-Dried	23-May-05	Allergen-Sulphite	1520.0	ppm (w/w)	

Comments:Limit of quantitation (LOQ):
Food matrices = 10 ppm (w/w)

Method of analysis: Food matrices - AOAC Official method 990.28 Optimized Monier-Williams

Supervisor: Shannon Shan PhD, Agriculture and Food Laboratory 519 823 1268 ext. 57227 xshan@uoguelph.ca

GC-MS/MS multiresidue screen Method ID:TOPS-142

Date Authorized: 2023-May-23 10:17

Sample ID	Client Sample ID	Specimen type	Sampling date / time	Test	Result	Units	Note
0001	0105235539.1	Other	23-May-05	Pesticide Screen	Detected		
0001	0105235539.1	Other	23-May-05	pentachloroaniline	<MQL		
0001	0105235539.1	Other	23-May-05	Phenothrin	0.041	ppm	

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Date Authorized: 2023-May-23 10:17

0001	0105235539.1	Other	23-May-05	lambda cyhalothrin	<MQL
0001	0105235539.1	Other	23-May-05	Quintozone	<MDL

Comments:

All samples were analyzed on the GC-MS/MS. Only positive results are listed. If the tested analyte does not appear for a sample, it was not detected in that sample.

<MQL = Less than the minimum quantification limit.

<MDL = Less than the minimum detection limit.

Presence of the compound confirmed by GC-MS/MS but at less than the defined quantification or detection limit for that compound using this method.

lambda cyhalothrin MDL = 0.005 ppm, MQL = 0.02 ppm

pentachloroaniline MDL = 0.005 ppm, MQL = 0.02 ppm

quintozone MDL = 0.01 ppm, MQL = 0.03 ppm

Manager: Cassandra Schoen MSc, Agriculture and Food Laboratory 519 823 -1268 x57232 cpatters@uoguelph.ca

These test results pertain only to the specimen(s) or sample(s) received and tested.

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