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Australian Export Grains Innovation Centre

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PO Box 711
North Ryde
NSW 1670, Australia

Report of Analysis

Job Reference: 14145
PO Number: COG001

To: Cogumelo Farm Pty Ltd

Attention: Denys Oliveira
Tel: 0429 016 321

Job Description: (4) Liquid Samples (1) Powder Sample **No. of Samples:** 5

Registration Date: 20/05/22
Analysis date: 20/05/22 **to** 6/06/22
Report Date: 6/06/22

Document Revision: Final Report
Version Number: 00

Results

[ND] = Not Detected, [NT] = Not Tested, [NA] = Not Applicable
The results presented are for the samples as received by the laboratory, and only relate to the samples tested.
Measurements of Uncertainty (MU) are available on request.

Report Comment

Test Description	Sm# 1 LMN Liquid	Sm# 2 RSH Liquid	Sm# 3 TKT Liquid	Sm# 4 LMNm Liquid	Units	Method ID
Beta-Glucan Yeast & Mushroom	2.0	1.4	2.0	3.0	g/100g	B7*

Test Description	Sm# 5 LMN Powder				Units	Method ID
Beta-Glucan Yeast & Mushroom	29.5				g/100g	B7*

Comments on Results

H. Salman
BSc. Agriculture, PhD Cereal chemistry
Manager – Analytical Services

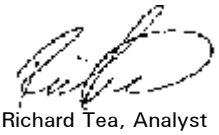
REPORT OF ANALYSIS

Report No. RN1374380

Client	: Ninth Path Pty Ltd	**Job No.**	: NINT01/221116
		Quote No.	: QT-02208
		Order No.	:
		Date Sampled	:
		Date Received	: 16-NOV-2022
Attention	: DENYS OLIVEIRA	**Sampled By**	: CLIENT
Project Name	:		
Your Client Services Manager	: Tim Reddan	**Phone**	: 03 9644 4854

Lab Reg No.	Sample Ref	Sample Description
V22/021986/2	LMN	Lions Mane mushroom fruiting body powder

Lab Reg No.		V22/021986/2		
Sample Reference	Units	LMN		Method
Trace Elements				
Sodium	mg/100g	13		NT2_46
Dates				
Date extracted		24-NOV-2022 00:00		
Date analysed		25-NOV-2022 00:00		



Richard Tea, Analyst
Inorganics - NSW

02-DEC-2022

Lab Reg No.		V22/021986/2		
Sample Reference	Units	LMN		Method
Proximates				
Fructose	g/100g	8.4		VL295
Glucose	g/100g	1.0		VL295
Sucrose	g/100g	<0.2		VL295
Maltose	g/100g	<0.2		VL295
Lactose	g/100g	<0.2		VL295
Total (Sum) Sugars	g/100g	9.4		VL295
Moisture	g/100g	2.4		VL298
Fat (Mojonnier extraction)	g/100g	4.0		VL302
Saturated Fat	g/100g	1.1		VL289
Protein (N x 6.25)	g/100g	4.4		VL299
Ash	g/100g	14.1		VL286
Carbohydrates	g/100g	75		VL412
Energy (kj)	kJ/100g	1500		VL412

REPORT OF ANALYSIS

Lab Reg No.		V22/021986/2		
Sample Reference	Units	LMN		Method
Proximates				
Mono trans fats	g/100g	<0.1		VL289
Mono-unsaturated fat	g/100g	1.5		VL289
Omega 3 fats	g/100g	<0.1		VL289
Omega 6 fats	g/100g	1.4		VL289
Poly trans fats	g/100g	<0.1		VL289
Poly-unsaturated fat	g/100g	1.4		VL289
Trans fats	g/100g	<0.1		VL289
Saturated Fatty Acids				
C4:0 Butyric	%	<0.1		VL289
C6:0 Caproic	%	<0.1		VL289
C8:0 Caprylic	%	<0.1		VL289
C10:0 Capric	%	<0.1		VL289
C12:0 Lauric	%	<0.1		VL289
C14:0 Myristic	%	0.2		VL289
C15:0 Pentadecanoic	%	0.8		VL289
C16:0 Palmitic	%	17.5		VL289
C17:0 Margaric	%	0.5		VL289
C18:0 Stearic	%	6.8		VL289
C20:0 Arachidic	%	<0.1		VL289
C22:0 Behenic	%	<0.1		VL289
C24:0 Lignoceric	%	0.5		VL289
Total (Sum) Saturated	%	26.4		VL289
Mono-unsaturated Fatty Acids				
C14:1 Myristoleic	%	<0.1		VL289
C16:1 Palmitoleic	%	0.4		VL289
C17:1 Heptadecenoic	%	<0.1		VL289
C18:1 Oleic	%	33.8		VL289
C18:1 Vaccenic	%	4.1		VL289
C20:1 Eicosenic	%	<0.1		VL289
C22:1 Cetoleic	%	<0.1		VL289
C22:1 Docosenoic (Erucic)	%	<0.1		VL289
C24:1 Nervonic	%	<0.1		VL289
Total (Sum) Mono-unsaturated	%	38.4		VL289
Poly-unsaturated Fatty Acids				
C16:4 Hexadecatetraenoic	%	<0.1		VL289
C18:4 Moroctic	%	<0.1		VL289
C18:2w6 Linoleic	%	35.1		VL289
C18:3w6 gamma-Linolenic	%	<0.1		VL289
C18:3w3 alpha-Linolenic	%	<0.1		VL289
C20:2w6 Eicosadienoic	%	<0.1		VL289
C20:3w6 Eicosatrienoic	%	<0.1		VL289
C20:3w3 Eicosatrienoic	%	<0.1		VL289

REPORT OF ANALYSIS

Lab Reg No.		V22/021986/2		
Sample Reference	Units	LMN		Method
Poly-unsaturated Fatty Acids				
C20:4w6 Arachidonic	%	<0.1		VL289
C20:5w3 Eicosapentaenoic	%	<0.1		VL289
C22:2w6 Docosadienoic	%	<0.1		VL289
Omega 3 Fatty Acids	%	<0.1		VL289
Omega 6 Fatty Acids	%	35.1		VL289
C22:4w6 Docosatetraenoic	%	<0.1		VL289
C22:5w3 Docosapentaenoic	%	<0.1		VL289
C22:6w3 Docosahexaenoic	%	<0.1		VL289
Total (Sum) Poly-unsaturated	%	35.1		VL289
Total (Sum) Mono Trans Fatty Acids	%	0.1		VL289
Total (Sum) Poly Trans Fatty Acids	%	<0.1		VL289
P:M:S Ratio		1.3:1.5:1		VL289

George Dabos, Analyst
Food Composition - Vic

Paul Adorno, Section Manager
Food Composition - Vic

Devika Kodituwakku, Analyst
Inorganics - Vic

02-DEC-2022

Results relate only to the sample(s) as received and tested.
This Report supersedes reports: *RN1373897*

Measurement Uncertainty is available upon request.
This Report shall not be reproduced except in full.

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ANALYSIS REPORT

Final Report

Job No:	**J2211-1427**
Date Issued:	23-Nov-2022
Report Number:	186461

Attention:	Denys Oliveira	*Purchase Order:*	*Rec'd 16.11.2022*
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	16-Nov-2022

The following sample was analysed:

Sample ID		
S22-0100970	Your Reference	LMN dx
	Product	Liquid sample
	Description	Lion's Mane mushroom fruiting body liquid dual extract

Analysis of this sample conducted between 16-Nov-2022 and 18-Nov-2022

Analysis Results

Determinant		Result Value
Bacillus cereus (TP_DML/029A)		
S22-0100970	Bacillus cereus	<10 cfu/mL

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received. This report is not to be reproduced except in full.**

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Bacillus cereus	TP_DML/029	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

260 Princes Highway, PO Box 728, Werribee Victoria 3030

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ANALYSIS REPORT

Final Report

Job No:	**J2211-1427**
Date Issued:	23-Nov-2022
Report Number:	186462

Attention:	Denys Oliveira	*Purchase Order:*	*Rec'd 16.11.2022*
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	16-Nov-2022

The following sample was analysed:

Sample ID		
S22-0100971	Your Reference	LMN dx
	Product	Liquid sample
	Description	Lion's Mane mushroom fruiting body liquid dual extract

Analysis of this sample conducted between 16-Nov-2022 and 18-Nov-2022

Analysis Results

	Determinant	Result Value
Ecoli & Coliforms - Enumeration (TP_DML/021I)		
S22-0100971	Ecoli	<1 cfu/mL
S22-0100971	Coliforms	<1 cfu/mL

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received.**
This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Ecoli & Coliforms - Enumeration	TP_DML/021	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

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ANALYSIS REPORT

Final Report

Job No:	**J2211-1427**
Date Issued:	23-Nov-2022
Report Number:	186463

Attention:	Denys Oliveira	*Purchase Order:*	*Rec'd 16.11.2022*
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	16-Nov-2022

The following sample was analysed:

Sample ID		
S22-0100972	Your Reference	LMN dx
	Product	Liquid sample
	Description	Lion's Mane mushroom fruiting body liquid dual extract

Analysis of this sample conducted on 16-Nov-2022

Analysis Results

Determinant		Result Value
Salmonella spp - VIDAS (TP_DML_072)		
S22-0100972	Salmonella sp /25g	Not Detected

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received.**
This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Salmonella spp - VIDAS	TP_DML/072	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

Australian Wool Testing Authority Ltd - Trading as Agrifood Technology Pty Ltd ABN 43 006 014 106
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ANALYSIS REPORT

Final Report

Job No:	**J2302-2892**
Date Issued:	08-Mar-2023
Report Number:	206442

Attention:	Denys Oliveira	*Purchase Order:*	NA
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	24-Feb-2023

The following sample was analysed:

Sample ID		
S23-0021726	Your Reference	LMN23030048
	Product	Powder
	Description	Lion's Mane Mushroom Fruiting Body Powder

Analysis of this sample conducted between 24-Feb-2023 and 03-Mar-2023

Analysis Results

	Determinant	Result Value
Gluten: RidaScreen Gliadin Assay Kit (TP/358) ^		
S23-0021726	Gluten	6.0 mg/kg

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received. This report is not to be reproduced except in full.**

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

^ - NATA Accreditation does not cover the performance of this test/Component.

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

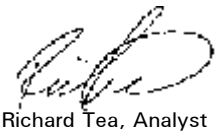
REPORT OF ANALYSIS

Report No. RN1374199

Client	: Ninth Path Pty Ltd	**Job No.**	: NINT01/221116
		Quote No.	: QT-02208
		Order No.	:
		Date Sampled	:
		Date Received	: 16-NOV-2022
Attention	: DENYS OLIVEIRA	**Sampled By**	: CLIENT
Project Name	:		
Your Client Services Manager	: Tim Reddan	**Phone**	: 03 9644 4854

Lab Reg No.	Sample Ref	Sample Description
V22/021986/1	LMN	Lions Mane mushroom fruiting body powder

Lab Reg No.		V22/021986/1		
Sample Reference	Units	LMN		Method
Total Recoverable Trace Elements by ICP				
Arsenic	mg/kg	0.096		NT2_46
Cadmium	mg/kg	0.29		NT2_46
Lead	mg/kg	0.01		NT2_46
Mercury	mg/kg	<0.01		NT2_46
Dates				
Date extracted		24-NOV-2022 00:00:00		
Date analysed		25-NOV-2022 00:00:00		



Richard Tea, Analyst
Inorganics - NSW

30-NOV-2022

Results relate only to the sample(s) as received and tested.
This Report supersedes reports: *RN1373897*

Measurement Uncertainty is available upon request.

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ANALYSIS REPORT

Final Report

Job No:	**J2211-1427**
Date Issued:	23-Nov-2022
Report Number:	186445

Attention:	Denys Oliveira	*Purchase Order:*	*Rec'd 16.11.2022*
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	16-Nov-2022

The following sample was analysed:

Sample ID		
S22-0100958	Your Reference	LMN
	Product	Powder
	Description	Lion's Mane mushroom fruiting body body

Analysis of this sample conducted between 16-Nov-2022 and 18-Nov-2022

Analysis Results

Determinant		Result Value
Bacillus cereus (TP_DML/029A)		
S22-0100958	Bacillus cereus	<100 cfu/g

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received.**
This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Bacillus cereus	TP_DML/029	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

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ANALYSIS REPORT

Final Report

Job No:	**J2211-1427**
Date Issued:	23-Nov-2022
Report Number:	186446

Attention:	Denys Oliveira	*Purchase Order:*	*Rec'd 16.11.2022*
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	16-Nov-2022

The following sample was analysed:

Sample ID		
S22-0100959	Your Reference	LMN
	Product	Powder
	Description	Lion's Mane mushroom fruiting body body

Analysis of this sample conducted between 16-Nov-2022 and 18-Nov-2022

Analysis Results

Determinant		Result Value
Ecoli & Coliforms - Enumeration (TP_DML/021I)		
S22-0100959	Ecoli	<10 cfu/g
S22-0100959	Coliforms	<10 cfu/g

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received.**
This report is not to be reproduced except in full.

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Ecoli & Coliforms - Enumeration	TP_DML/021	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

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ANALYSIS REPORT

Final Report

Job No:	**J2211-1427**
Date Issued:	23-Nov-2022
Report Number:	186447

Attention:	Denys Oliveira	*Purchase Order:*	*Rec'd 16.11.2022*
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	16-Nov-2022

The following sample was analysed:

Sample ID		
S22-0100960	Your Reference	LMN
	Product	Powder
	Description	Lion's Mane mushroom fruiting body body

Analysis of this sample conducted on 16-Nov-2022

Analysis Results

Determinant		Result Value
Salmonella spp - VIDAS (TP_DML_072)		
S22-0100960	Salmonella sp /25g	Not Detected

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received. This report is not to be reproduced except in full.**

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Salmonella spp - VIDAS	TP_DML/072	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**

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REPORT OF ANALYSIS

Report No. RN1374198

Client	: Ninth Path Pty Ltd	**Job No.**	: NINT01/221116
		Quote No.	: QT-02208
		Order No.	:
		Date Sampled	:
		Date Received	: 16-NOV-2022
Attention	: DENYS OLIVEIRA	**Sampled By**	: CLIENT
Project Name	:		
Your Client Services Manager	: Tim Reddan	**Phone**	: 03 9644 4854

Lab Reg No.	Sample Ref	Sample Description
V22/021986	LMN	Lions Mane mushroom fruiting body powder

Lab Reg No.		V22/021986		
Sample Reference	Units	LMN		Method
Organochlorine (OC) Pesticides				
Aldrin	mg/kg	<0.02		VL410
BHC - alpha	mg/kg	<0.02		VL410
BHC - beta	mg/kg	<0.02		VL410
BHC - delta	mg/kg	<0.02		VL410
BHC - Total (Sum)	mg/kg	<0.02		VL410
Chlordane	mg/kg	<0.02		VL410
DDD - o.p.	mg/kg	<0.02		VL410
DDE - o.p.	mg/kg	<0.02		VL410
DDT - o.p.	mg/kg	<0.02		VL410
DDD - p.p.	mg/kg	<0.02		VL410
DDE - p.p.	mg/kg	<0.02		VL410
DDT - p.p.	mg/kg	<0.02		VL410
DDT - Total (Sum)	mg/kg	<0.02		VL410
Dicofol	mg/kg	<0.02		VL410
Dieldrin	mg/kg	<0.02		VL410
Endosulfan - a.	mg/kg	<0.02		VL410
Endosulfan - b.	mg/kg	<0.02		VL410
Endosulfan - Sulphate	mg/kg	<0.02		VL410
Endosulfan - Total (Sum)	mg/kg	<0.02		VL410
Endrin	mg/kg	<0.05		VL410
HCB	mg/kg	<0.01		VL410
Heptachlor	mg/kg	<0.01		VL410
Heptachlor-Epoxide	mg/kg	<0.01		VL410
Lindane	mg/kg	<0.02		VL410
Methoxychlor	mg/kg	<0.05		VL410
Nonachlor	mg/kg	<0.05		VL410
Trichlorfon	mg/kg	<0.02		VL410
Organophosphate (OP) Pesticides				
Acephate	mg/kg	<0.01		VL375
Azinphos ethyl	mg/kg	<0.02		VL410

REPORT OF ANALYSIS

Lab Reg No.		V22/021986		
Sample Reference	Units	LMN		Method
Organophosphate (OP) Pesticides				
Temephos	mg/kg	<0.05		VL375
Azinphos methyl	mg/kg	<0.02		VL410
Bromophos ethyl	mg/kg	<0.05		VL410
Carbophenothion	mg/kg	<0.05		VL410
Chlorfenvinphos	mg/kg	<0.05		VL410
Chlorpyrifos	mg/kg	<0.01		VL410
Chlorpyrifos methyl	mg/kg	<0.01		VL410
Chlorthal dimethyl	mg/kg	<0.02		VL410
Coumaphos	mg/kg	<0.01		VL410
Demeton-S-Methyl	mg/kg	<0.01		VL410
Diazinon	mg/kg	<0.02		VL410
Dioxathion	mg/kg	<0.05		VL410
Dichlorvos	mg/kg	<0.02		VL410
Dimethoate	mg/kg	<0.02		VL410
Ethion	mg/kg	<0.05		VL410
Fenamiphos	mg/kg	<0.01		VL375
Fenchlorphos	mg/kg	<0.05		VL410
Fenitrothion	mg/kg	<0.02		VL410
Fenthion	mg/kg	<0.01		VL410
Formothion	mg/kg	<0.05		VL410
Malathion	mg/kg	<0.02		VL410
Methacrifos	mg/kg	<0.05		VL410
Methamidophos	mg/kg	<0.01		VL375
Methidathion	mg/kg	<0.01		VL410
Mevinphos	mg/kg	<0.02		VL410
Monocrotophos	mg/kg	<0.01		VL375
Omethoate	mg/kg	<0.02		VL410
Parathion ethyl	mg/kg	<0.02		VL410
Parathion methyl	mg/kg	<0.02		VL410
Phorate	mg/kg	<0.02		VL410
Phosalone	mg/kg	<0.05		VL410
Phosmet	mg/kg	<0.02		VL410
Phosphamidon	mg/kg	<0.05		VL410
Pirimiphos methyl	mg/kg	<0.02		VL410
Profenofos	mg/kg	<0.01		VL410
Prothiofos	mg/kg	<0.01		VL410
Terbufos	mg/kg	<0.05		VL410
Triazophos	mg/kg	<0.05		VL410
Herbicides				
Atrazine	mg/kg	<0.01		VL375
Bromacil	mg/kg	<0.01		VL375
Carfentrazone Ethyl	mg/kg	<0.02		VL375

REPORT OF ANALYSIS

Lab Reg No.		V22/021986		
Sample Reference	Units	LMN		Method
Herbicides				
Ethofumesate	mg/kg	<0.01		VL375
Isoxaben	mg/kg	<0.01		VL375
Linuron	mg/kg	<0.01		VL375
Methabenzthiazuron	mg/kg	<0.01		VL375
Metolachlor	mg/kg	<0.01		VL375
Metribuzin	mg/kg	<0.01		VL375
Molinate	mg/kg	<0.05		VL410
Oxyfluorfen	mg/kg	<0.01		VL410
Napropamide	mg/kg	<0.01		VL375
Norflurazon	mg/kg	<0.01		VL375
Pendimethalin	mg/kg	<0.01		VL375
Propachlor	mg/kg	<0.02		VL410
Trifluralin	mg/kg	<0.01		VL410
Chlorpropham	mg/kg	<0.02		VL375
Clethodim	mg/kg	<0.02		VL375
Fluazifop-p-butyl	mg/kg	<0.01		VL375
Indaziflam	mg/kg	<0.01		VL375
Pyroxasulfone	mg/kg	<0.01		VL375
Saflufenacil	mg/kg	<0.01		VL375
Sethoxydim	mg/kg	<0.02		VL375
Dimethenamid	mg/kg	<0.01		VL375
Fluometuron	mg/kg	<0.01		VL375
Propazine	mg/kg	<0.01		VL375
Carbamates				
Methiocarb	mg/kg	<0.05		VL375
Acaricides				
Buprofezin	mg/kg	<0.01		VL375
Propyzamide	mg/kg	<0.01		VL375
Simazine	mg/kg	<0.01		VL375
Clofentezine	mg/kg	<0.01		VL375
Disulphoton	mg/kg	<0.01		VL410
Etoxazole	mg/kg	<0.01		VL375
Hexythiazox	mg/kg	<0.01		VL375
Propargite	mg/kg	<0.01		VL375
Tebufenpyrad	mg/kg	<0.02		VL375
Tetradifon	mg/kg	<0.02		VL410
Pyridaben	mg/kg	<0.02		VL375
Fungicides				
Benalaxyl	mg/kg	<0.01		VL375
Bitertanol	mg/kg	<0.05		VL375
Boscalid	mg/kg	<0.01		VL375
Captan	mg/kg	<0.05		VL410

REPORT OF ANALYSIS

Lab Reg No.		V22/021986		
Sample Reference	Units	LMN		Method
Fungicides				
Chlorothalonil	mg/kg	<0.01		VL410
Cyproconazole	mg/kg	<0.01		VL375
Cyprodinil	mg/kg	<0.01		VL375
Diclofluanid	mg/kg	<0.02		VL410
Dicloran	mg/kg	<0.02		VL410
Difenoconazole	mg/kg	<0.01		VL375
Dimethomorph	mg/kg	<0.01		VL375
Diphenylamine	mg/kg	0.037		VL410
Epoxiconazole	mg/kg	<0.01		VL375
Fenarimol	mg/kg	<0.05		VL375
Fludioxonil	mg/kg	<0.02		VL410
Fenpyrazamine	mg/kg	<0.01		VL375
Flusilazole	mg/kg	<0.01		VL375
Hexaconazole	mg/kg	<0.05		VL375
Imazalil	mg/kg	<0.05		VL375
Iprodione	mg/kg	<0.01		VL410
Kresoxim methyl	mg/kg	<0.02		VL375
Mandipropamid	mg/kg	<0.01		VL375
Metalaxyl	mg/kg	<0.01		VL375
Metrafenone	mg/kg	<0.01		VL375
Myclobutanil	mg/kg	<0.02		VL375
Oxadixyl	mg/kg	<0.01		VL410
Oxycarboxin	mg/kg	<0.05		VL375
Paclobutrazol	mg/kg	<0.01		VL375
Penconazole	mg/kg	<0.02		VL375
Piperonyl butoxide	mg/kg	<0.01		VL375
Prochloraz	mg/kg	<0.05		VL375
Procymidone	mg/kg	<0.01		VL410
Propamocarb	mg/kg	<0.02		VL375
Propiconazole	mg/kg	<0.01		VL375
Pyraclostrobin	mg/kg	<0.01		VL375
Pyrimethanil	mg/kg	<0.01		VL375
Quintozene	mg/kg	<0.01		VL410
Tebuconazole	mg/kg	<0.01		VL375
Tolclophos methyl	mg/kg	<0.01		VL375
Tolylfluanid	mg/kg	<0.05		VL410
Triadimefon	mg/kg	<0.05		VL375
Triadimenol	mg/kg	<0.01		VL375
Vinclozolin	mg/kg	<0.02		VL410
Fluopyram	mg/kg	<0.01		VL375
Fluxapyroxad	mg/kg	<0.01		VL375
Mandestrobin	mg/kg	<0.01		VL375

REPORT OF ANALYSIS

Lab Reg No.		V22/021986		
Sample Reference	Units	LMN		Method
Fungicides				
Penthiopyrad	mg/kg	<0.01		VL375
Flutolanil	mg/kg	<0.01		VL375
Flutriafol	mg/kg	<0.01		VL375
Tetraconazole	mg/kg	<0.01		VL375
Others				
Chlorfenapyr	mg/kg	<0.02		VL410
Phenols				
O-Phenylphenol	mg/kg	<0.02		VL410
Carbamates				
Aldicarb (incl sulfoxide & sulfone)	mg/kg	<0.01		VL375
Carbaryl	mg/kg	<0.01		VL375
Pirimicarb	mg/kg	<0.02		VL375
Synthetic Pyrethroids				
Bifenthrin	mg/kg	<0.01		VL410
Bioresmethrin	mg/kg	<0.02		VL410
Cyfluthrin - b.	mg/kg	<0.01		VL410
Cyfluthrin	mg/kg	<0.01		VL410
Cyhalothrin - l.	mg/kg	<0.01		VL410
Cyhalothrin	mg/kg	<0.01		VL410
Cypermethrin - a.	mg/kg	<0.01		VL410
Cypermethrin	mg/kg	<0.01		VL410
Deltamethrin	mg/kg	<0.02		VL410
Esfenvalerate	mg/kg	<0.01		VL410
Fenvalerate	mg/kg	<0.01		VL410
Fluvalinate	mg/kg	<0.01		VL410
tau-Fluvalinate	mg/kg	<0.02		VL410
Permethrin	mg/kg	<0.02		VL410
Phenothrin	mg/kg	<0.02		VL410
Pyrethrins	mg/kg	<0.02		VL410
Insecticide				
Acetamiprid	mg/kg	<0.01		VL375
Fipronil	mg/kg	<0.01		VL410
Chlorantaniliprole	mg/kg	<0.01		VL375
Clothianidin	mg/kg	<0.01		VL375
Emamectin	mg/kg	<0.01		VL375
Fenoxycarb	mg/kg	<0.02		VL375
Flubendiamide	mg/kg	<0.02		VL375
Indoxacarb	mg/kg	<0.01		VL375
Methoxyfenozide	mg/kg	<0.02		VL375
Novaluron	mg/kg	<0.05		VL375
Pyriproxyfen	mg/kg	<0.01		VL375
Spinetoram	mg/kg	<0.01		VL375

REPORT OF ANALYSIS

Lab Reg No.		V22/021986		
Sample Reference	Units	LMN		Method
Insecticide				
Spirotetramat	mg/kg	<0.01		VL375
Thiamethoxam	mg/kg	<0.01		VL375
Cyantraniliprole	mg/kg	<0.01		VL375
Sulfoxaflor	mg/kg	<0.01		VL375
C5 Residues				
Azoxystrobin	mg/kg	<0.01		VL375
Vamidothion	mg/kg	<0.05		VL375
Benomyl	mg/kg	<0.05		VL375
Benzyladenine	mg/kg	<0.005		VL375
Carbendazim	mg/kg	<0.01		VL375
Diuron	mg/kg	<0.05		VL375
Fenhexamid	mg/kg	<0.02		VL375
Fenpyroximate	mg/kg	<0.01		VL375
Imidacloprid	mg/kg	<0.01		VL375
Methomyl	mg/kg	<0.02		VL375
Pymetrozine	mg/kg	<0.01		VL375
Spinosad	mg/kg	<0.01		VL375
Tebufenozide	mg/kg	<0.02		VL375
Thiabendazole	mg/kg	<0.01		VL375
Thiacloprid	mg/kg	<0.02		VL375
Trifloxystrobin	mg/kg	<0.01		VL375
Forchlorfenuron	mg/kg	<0.01		VL375
Uniconazole-p	mg/kg	<0.01		VL375
Dates				
Date Analysed VL375		21-NOV-2022 00:00:00		VL375
Date Analysed VL410		21-NOV-2022 00:00:00		VL410

Jason Lu, Analyst
Organics - Vic

30-NOV-2022

Results relate only to the sample(s) as received and tested.

Measurement Uncertainty is available upon request.
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ANALYSIS REPORT

Final Report

Job No:	**J2302-2892**
Date Issued:	08-Mar-2023
Report Number:	206442

Attention:	Denys Oliveira	*Purchase Order:*	NA
Client:	Ninth Path Pty Ltd	*Date Sampled:*	
Address:		*Date Received:*	24-Feb-2023

The following sample was analysed:

Sample ID		
S23-0021725	Your Reference	LMN23030048
	Product	Powder
	Description	Lion's Mane Mushroom Fruiting Body Powder

Analysis of this sample conducted between 24-Feb-2023 and 26-Feb-2023

Analysis Results

	Determinant	Result Value
Coagulase Positive Staphylococci (TP_DML/025I)		
S23-0021725	Coagulase Positive Staphylococci	<100 cfu/g

Note: **All samples are analysed on an 'as received' basis, all results are based on the sample received. This report is not to be reproduced except in full.**

Please refer to the following link for the measurement of uncertainty values for all NATA accredited analysis

[redacted]

^ - NATA Accreditation does not cover the performance of this test/Component.

The sample(s) referred to in this report were analysed for the following determinant(s):

Analysis	Method	Laboratory
Coagulase Positive Staphylococci	TP_DML/025	Derrimut Microbiology Laboratory

The results in this report were authorised by:

Name	*Title*
Robert Rantino	**National Laboratory Operations Manager**