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Certificate of Analysis

Client:	OM Natural Health Limited	**Lab No:**	3471959	POPv1
Contact:	Ian Ord	**Date Received:**	20-Feb-2024	
	C/- OM Natural Health Limited	**Date Reported:**	29-Feb-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:	AM Blend	PM Blend	Four Mushroom Blend	Lion's Mane capsules	MyComplete capsules
Lab Number:	3471959.1	3471959.2	3471959.3	3471959.4	3471959.5
Multiresidue Analysis 2 - Type C Samples*					
Analytes Detected:	None	None	None	None	None

Please refer to the detection limits table for the list of analytes screened and their detection limits.

Analyst's Comments

Sample 3: the reporting detection limit for gibberellic acid has been raised to 0.05 mg/kg due to poor recovery and matrix interferences.

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
Multiresidue Analysis 2 - Type C Samples*	Solvent extraction, SPE cleanup, dilution. Analysis by LC-MS/MS. In-house (using a Citrate buffered QuEChERS extraction).	0.010 - 0.3 mg/kg	1-5

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

Testing was completed between 27-Feb-2024 and 29-Feb-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.

Helen McGowan BSc (Tech)
Operations Support - Food & Bioanalytical

Detection Limits

Analytes	Detection Limit
Multiresidue Analysis 2 - Type C Samples	
Sample Number(s):	1-2, 4-5
Gibberellic acid (GA3)	0.010 mg/kg
Oxathiapiprolin	0.05 mg/kg
Sample Number(s):	1-5
Abamectin	0.02 mg/kg
Acetamiprid	0.010 mg/kg
Aldicarb	0.010 mg/kg
Aldicarb sulfone	0.010 mg/kg
Aldicarb sulfoxide	0.010 mg/kg
Ametoctradin	0.010 mg/kg
Ametryn	0.010 mg/kg
Anilazine	0.05 mg/kg
Anilofos	0.010 mg/kg
Azadirachtin	0.04 mg/kg
Benzalkonium chloride (C10)	0.05 mg/kg
Benzalkonium chloride (C12)	0.2 mg/kg
Benzalkonium chloride (C14)	0.2 mg/kg
Benzalkonium chloride (C16)	0.05 mg/kg
Bixafen	0.010 mg/kg
Boscalid	0.010 mg/kg
Carbendazim (including Benomyl and Thiophanate)	0.010 mg/kg
Carfentrazone-ethyl	0.010 mg/kg
Chlorantraniliprole	0.010 mg/kg
Chloridazon	0.010 mg/kg
Clethodim	0.010 mg/kg
Clofentezine	0.010 mg/kg
Clothianidin	0.02 mg/kg
Cyantraniliprole	0.03 mg/kg
Cyazofamid	0.010 mg/kg
Cyflufenamid	0.010 mg/kg
Cymoxanil	0.010 mg/kg
Didecyldimethylammonium chloride (DDAC)	0.10 mg/kg
Desmedipham	0.010 mg/kg
Diethofencarb	0.010 mg/kg
Diflubenzuron	0.03 mg/kg
Dinotefuran	0.010 mg/kg
Dodine	0.08 mg/kg
Emamectin	0.03 mg/kg
Empenthrin	0.3 mg/kg
Ethofumesate	0.010 mg/kg
Etobenzanid	0.010 mg/kg
Fenamidone	0.010 mg/kg
Fenbuconazole	0.010 mg/kg
Fenhexamid	0.04 mg/kg
Fenoxycarb	0.010 mg/kg
Fenpropidin	0.010 mg/kg
Fenpyrazamine	0.010 mg/kg
Fenpyroximate	0.010 mg/kg
Fipronil	0.010 mg/kg
Flonicamid	0.010 mg/kg
Fluazinam	0.010 mg/kg
Flufenacet	0.010 mg/kg
Flufenoxuron	0.010 mg/kg
Florasulam	0.010 mg/kg
Flumethrin	0.010 mg/kg
Flumetsulam	0.010 mg/kg
Flumioxazin	0.02 mg/kg
Fluopicolide	0.010 mg/kg
Fluopyram	0.010 mg/kg
Flusulfamide	0.010 mg/kg
Flutolanil	0.010 mg/kg
Fluxapyroxad	0.010 mg/kg
Forchlorfenuron	0.010 mg/kg
Halauxifen-methyl	0.010 mg/kg
Heptenophos	0.010 mg/kg
Imidacloprid	0.010 mg/kg
Indaziflam	0.010 mg/kg
Iodocarb (IPBC)	0.03 mg/kg
Ipconazole	0.010 mg/kg
Isoproturon	0.010 mg/kg
Isopyrazam	0.010 mg/kg
Isoxathion	0.010 mg/kg
Isoxathion oxon	0.010 mg/kg
Lufenuron	0.10 mg/kg
Mandipropamid	0.010 mg/kg
Mandestrobin	0.010 mg/kg
Mefentrifluconazole	0.010 mg/kg
Metamitron	0.010 mg/kg
Metaldehyde	0.2 mg/kg
Metconazole	0.010 mg/kg
Methabenzthiazuron	0.010 mg/kg
Methomyl	0.010 mg/kg
Methoxyfenozide	0.010 mg/kg
Methyl anthranilate	0.04 mg/kg
Metrafenone	0.010 mg/kg
Milbemectin	0.03 mg/kg
Nicosulfuron*	0.010 mg/kg
Novaluron	0.010 mg/kg
Octhilinone	0.04 mg/kg
Oryzalin	0.02 mg/kg
Oxamyl	0.010 mg/kg
Pencycuron	0.03 mg/kg
Penflufen	0.010 mg/kg
Penthiopyrad	0.010 mg/kg
Phenmedipham	0.010 mg/kg
Propamocarb	0.010 mg/kg
Propargite	0.010 mg/kg
Proquinazid	0.010 mg/kg
Prosulfocarb	0.010 mg/kg
Prothioconazole-desthio	0.010 mg/kg
Pydiflumetofen	0.010 mg/kg
Pyraclostrobin	0.010 mg/kg
Pyridaphenthion	0.010 mg/kg
Pyrifluquinazon	0.010 mg/kg
Pyriofenone	0.010 mg/kg
Quinoxyfen	0.010 mg/kg
Saflufenacil	0.010 mg/kg
Sethoxydim	0.010 mg/kg
Spinetoram	0.010 mg/kg
Spinosad	0.010 mg/kg
Spiromesifen	0.010 mg/kg
Spiromesifen-enol	0.010 mg/kg
Spirotetramat	0.010 mg/kg
Spirotetramat-cis-enol	0.010 mg/kg
Spirotetramat-cis-keto-hydroxy	0.010 mg/kg
Spirotetramat-enol-glucoside	0.010 mg/kg
Spirotetramat-mono-hydroxy	0.010 mg/kg
Spiroxamine	0.010 mg/kg
Sulfoxaflor	0.010 mg/kg
Tebufenozide (Mimic)	0.010 mg/kg
Teflubenzuron	0.04 mg/kg
Tepraloxydim	0.010 mg/kg
Tetraconazole	0.010 mg/kg
Thiabendazole	0.010 mg/kg
Thiacloprid	0.010 mg/kg
Thiamethoxam	0.010 mg/kg
Thifluzamide	0.010 mg/kg
Thiophanate-methyl	0.010 mg/kg
Triadimenol	0.010 mg/kg
Tribenuron-methyl*	0.010 mg/kg
Trichlorfon	0.010 mg/kg
Triflumuron	0.010 mg/kg
Triforine	0.010 mg/kg
Uniconazole	0.010 mg/kg
Sample Number(s):	3
Gibberellic acid (GA3)	0.05 mg/kg
Oxathiapiprolin	0.010 mg/kg