

Full Spectrum 20%

Sample ID: 2102KCA0144.0345

Cultivar: N/A

Matrix: Concentrates & Extracts

Type: Other

Sample Size:

Received: 02/02/2021

Completed: 02/05/2021

Batch#: 002/21

Client

Down To Earth

9/204 Alice St

Brisbane, QLD 4000

Australia



Heavy Metals by ICP-MS

Complete

Analyte	LOD µg/g	LOQ µg/g	Mass µg/g
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	0.5873
Mercury	0.012	0.05	ND

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ND = None Detected




Wes Rogers
Principal Scientist
02/05/2021

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Pesticides by LCMS/MS & GCMS/MS

Complete

Analyte	LOD PPM	LOQ PPM	Mass PPM	Analyte	LOD PPM	LOQ PPM	Mass PPM
Abamectin	0.001	0.005	ND	Imazalil	0.001	0.005	ND
Acephate	0.001	0.005	ND	Imidacloprid	0.001	0.005	ND
Acetamiprid	0.001	0.005	ND	Malathion	0.001	0.005	ND
Aldicarb	0.001	0.005	ND	Metalaxyl	0.001	0.005	ND
Azoxystrobin	0.001	0.005	ND	Methiocarb	0.001	0.005	ND
Bifenazate	0.001	0.005	ND	Methomyl	0.001	0.005	ND
Boscalid	0.001	0.005	ND	Mevinphos	0.001	0.005	ND
Carbaryl	0.001	0.005	ND	Myclobutanil	0.001	0.005	ND
Carbofuran	0.001	0.005	ND	Naled	0.001	0.005	ND
Chlorantraniliprole	0.001	0.005	ND	Oxamyl	0.001	0.005	ND
Chlorpyrifos	0.001	0.005	ND	Paclobutrazol	0.001	0.005	ND
Coumaphos	0.001	0.005	ND	Permethrin	0.001	0.005	ND
Daminozide	0.001	0.005	ND	Phosmet	0.001	0.005	ND
Diazinon	0.001	0.005	ND	Piperonyl Butoxide	0.001	0.005	ND
Dimethoate	0.001	0.005	ND	Propoxur	0.001	0.005	ND
Dimethomorph	0.001	0.005	ND	Pyridaben	0.001	0.005	ND
Ethoprophos	0.001	0.005	ND	Spinetoram	0.001	0.005	ND
Etofenprox	0.001	0.005	ND	Spinosad	0.001	0.005	ND
Etoxazole	0.001	0.005	ND	Spiromesifen	0.001	0.005	ND
Fenhexamid	0.001	0.005	ND	Spirotetramat	0.001	0.005	ND
Fenoxycarb	0.001	0.005	ND	Spiroxamine	0.001	0.005	ND
Fenpyroximate	0.001	0.005	ND	Thiacloprid	0.001	0.005	ND
Fipronil	0.001	0.005	ND	Thiamethoxam	0.001	0.005	ND
Flonicamid	0.001	0.005	ND	Trifloxystrobin	0.001	0.005	ND
Fludioxonil	0.001	0.005	ND				

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Microbials by qPCR

Complete

Analyte

Result

Aerobic Bacteria

CFU/g

Shiga toxin-producing E. Coli

Not Detected in 1g

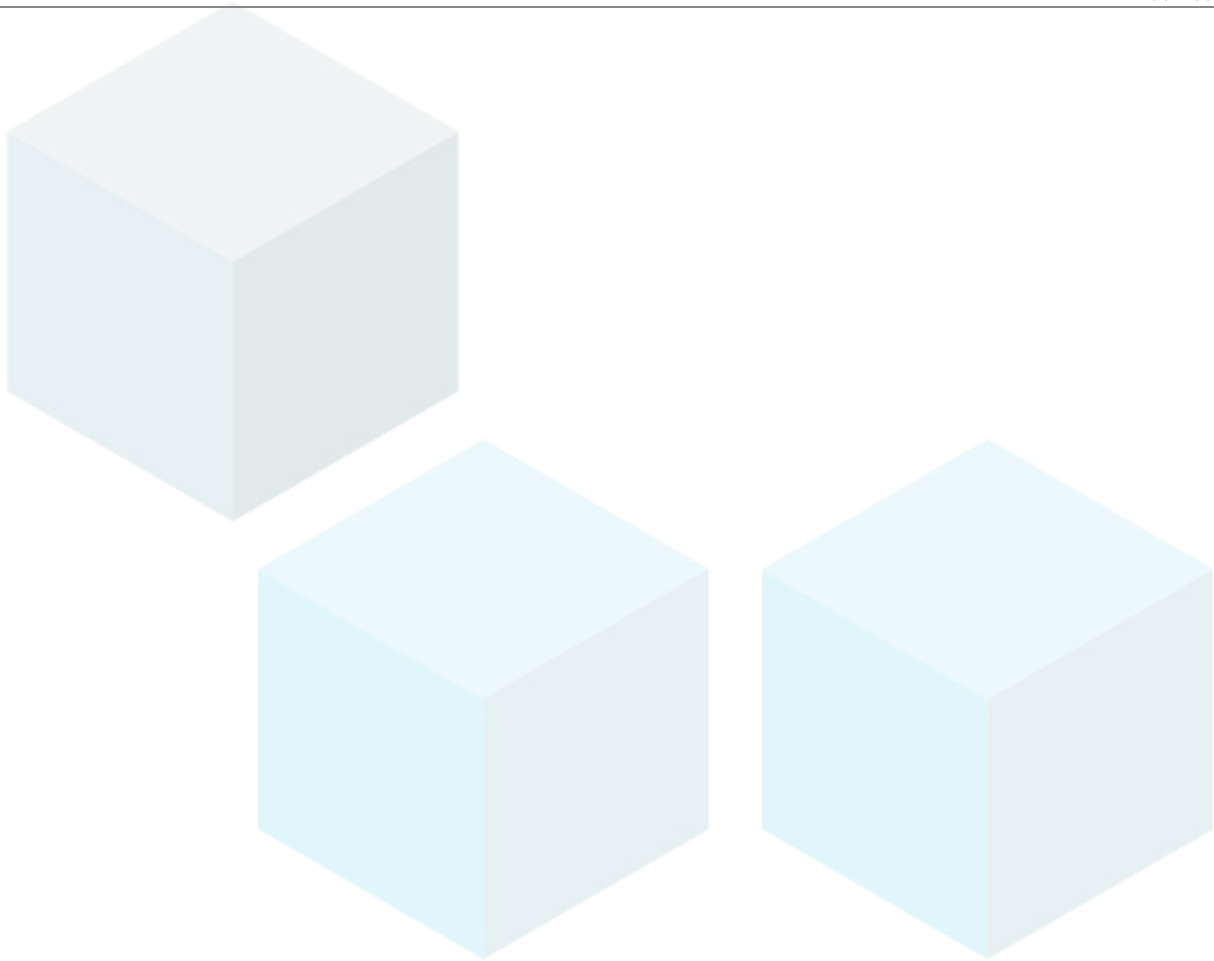
Enterobacteriaceae

Not Detected in 1g

Salmonella

Not Detected in 1g

Not Detected in 1g



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TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.




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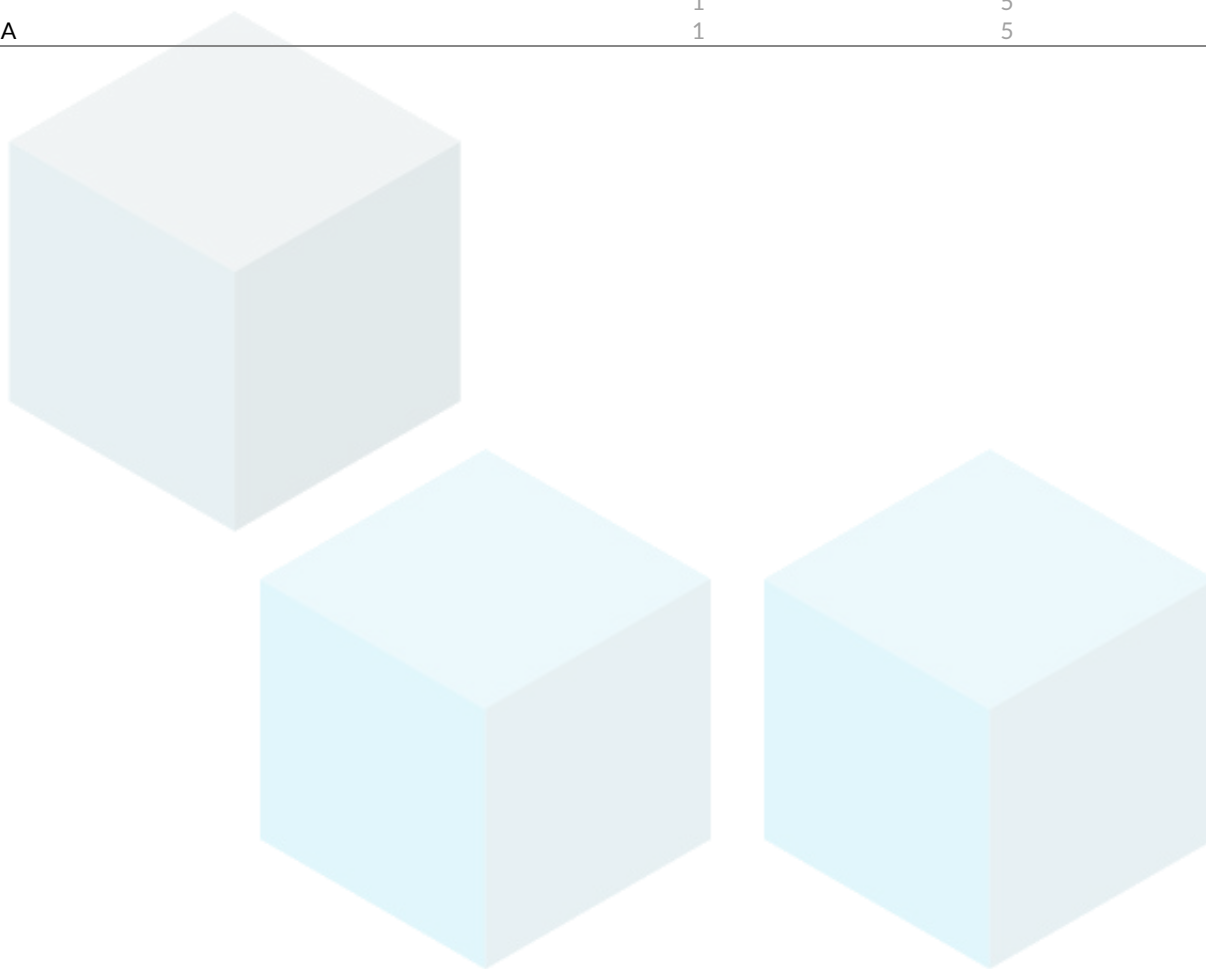
Brisbane, QLD 4000

Australia

Mycotoxins by LCMS/MS

Complete

Analyte	LOD PPB	LOQ PPB	Units PPB
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND



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Terpenes by HS-GC/MS

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
α-Bisabolol	0.00001	0.00005	0.040625	0.40625
Borneol	0.00001	0.00005	0.000984	0.00984
Camphene	0.00001	0.00005	ND	ND
Camphor	0.00001	0.00005	ND	ND
3-Carene	0.00001	0.00005	ND	ND
Caryophyllene oxide	0.00001	0.00005	0.001055	0.01055
β-Caryophyllene	0.00001	0.00005	0.051198	0.51198
α-Cedrene	0.00001	0.00005	ND	ND
Cedrol	0.00001	0.00005	ND	ND
Endo-Fenchyl alcohol	0.00001	0.00005	0.001467	0.01467
Eucalyptol	0.00001	0.00005	0.000123	0.00123
Fenchone	0.00001	0.00005	0.000151	0.00151
Geraniol	0.00001	0.00005	ND	ND
Geranyl acetate	0.00001	0.00005	ND	ND
Guaiol	0.00001	0.00005	0.000684	0.00684
Hexahydro thymol	0.00001	0.00005	ND	ND
α-Humulene	0.00001	0.00005	0.016366	0.16366
Isoborneol	0.00001	0.00005	ND	ND
Isopulegol	0.00001	0.00005	ND	ND
Limonene	0.00001	0.00005	0.000243	0.00243
Linalool	0.00001	0.00005	0.001042	0.01042
β-Myrcene	0.00001	0.00005	0.000438	0.00438
Nerol	0.00001	0.00005	ND	ND
Ocimene	0.00001	0.00005	ND	ND
α-Phellandrene	0.00001	0.00005	0.000465	0.00465
α-Pinene	0.00001	0.00005	ND	ND
β-Pinene	0.00001	0.00005	ND	ND
Pulegone	0.00001	0.00005	ND	ND
Sabinene	0.00001	0.00005	<LOQ	<LOQ
Sabinene hydrate	0.00001	0.00005	ND	ND
α-Terpinene	0.00001	0.00005	0.000102	0.00102
γ-Terpinene	0.00001	0.00005	0.000064	0.00064
α-Terpineol	0.00001	0.00005	0.000588	0.00588
γ-Terpineol	0.00001	0.00005	ND	ND
Terpinolene	0.00001	0.00005	0.000058	0.00058
Valencene	0.00001	0.00005	ND	ND
cis-Nerolidol	0.00001	0.00005	ND	ND
trans-Nerolidol	0.00001	0.00005	0.000599	0.00599
Total			0.120000	1.20000

Primary Aromas



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