

## Full Spectrum 65%

Sample ID: 2102KCA0144.0345  
Cultivar: N/A  
Matrix: Concentrates & Extracts  
Type: Crude  
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



### Summary

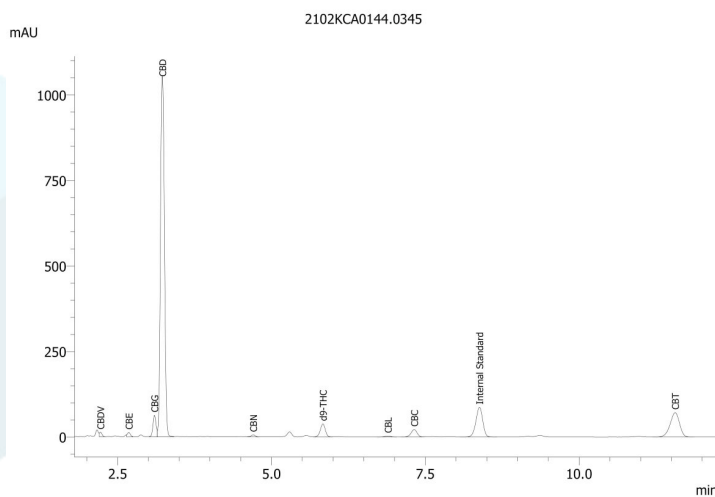
Test	Date Tested	Result
Cannabinoids	02/03/2021	Complete
Terpenes	02/04/2021	Complete
Microbials	02/05/2021	Complete
Mycotoxins	02/03/2021	Complete
Pesticides	02/03/2021	Complete
Heavy Metals	02/02/2021	Complete

### Cannabinoids by HPLC-PDA

Complete

2.1226%	66.9977%	80.4176%	NT Not Tested	Not Tested
Total THC	Total CBD	Total Cannabinoids	Moisture Content	Foreign Matter

Analyte	LOD %	LOQ %	Result %	Result mg/g
CBC	0.0095	0.0284	1.3111	13.111
CBCA	0.0181	0.0543	ND	ND
CBVC	0.0060	0.0180	ND	ND
CBD	0.0081	0.0242	66.9977	669.977
CBDA	0.0043	0.0130	ND	ND
CBDV	0.0061	0.0182	0.3545	3.545
CBDVA	0.0021	0.0063	ND	ND
CBE	0.0131	0.0316	0.6229	6.229
CBG	0.0057	0.0172	2.2325	22.325
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	0.1751	1.751
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.1639	1.639
CBNA	0.0060	0.0181	ND	ND
CBT	0.0090	0.0211	6.4373	64.373
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	2.1226	21.226
THCA	0.0084	0.0251	ND	ND
THCV	0.0069	0.0206	ND	ND
THCVA	0.0062	0.0186	ND	ND
<b>Total</b>			<b>80.4176</b>	<b>804.176</b>



Total THC = THCA \* 0.877 + Δ9-THC  
Total CBD = CBDA \* 0.877 + CBD  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = None Detected  
For plant material, the reported result is based on a sample weight with the applicable moisture content for that sample.



*Wes Rogers*

Wes Rogers  
Principal Scientist  
02/05/2021

## Full Spectrum 20%

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## 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	<RL
Mercury	0.012	0.05	ND

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RL = Reporting Limit (5 µg/g)




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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

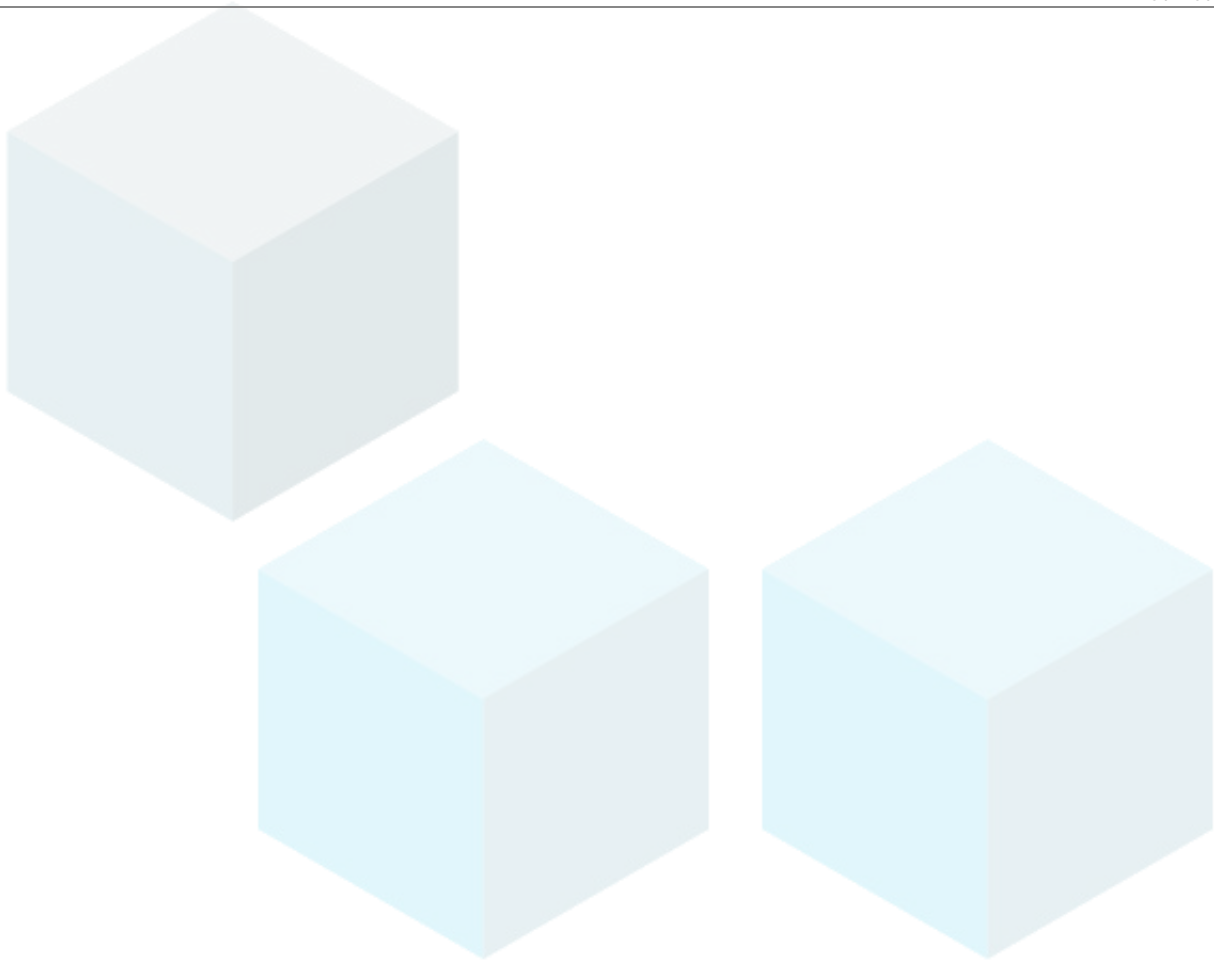
Enterobacteriaceae

Not Detected in 1g

Salmonella

Not Detected in 1g

Not Detected in 1g



Date Tested: 02/05/2021

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




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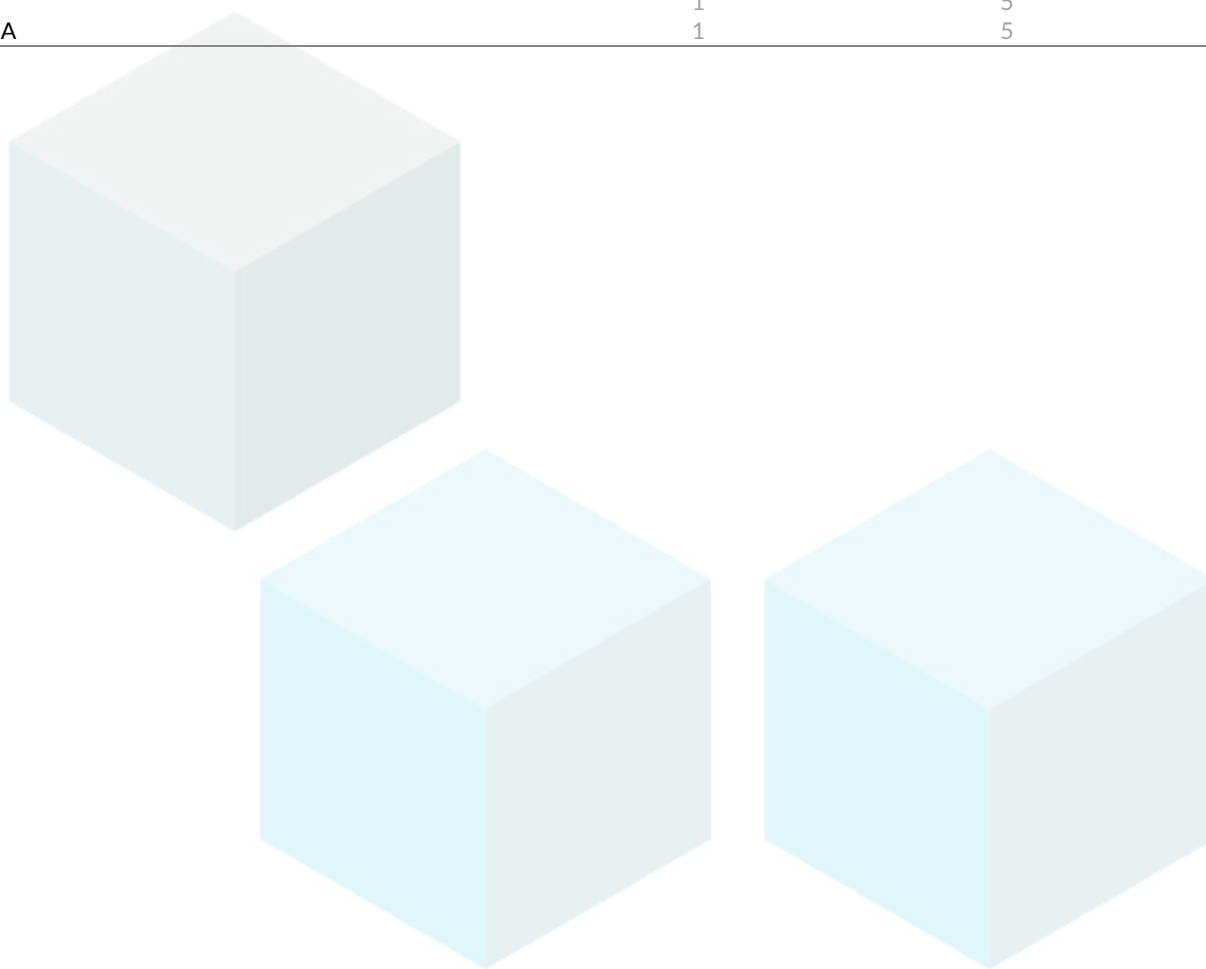
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## Mycotoxins by LCMS/MS

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
<b>Total</b>			<b>0.120000</b>	<b>1.20000</b>

## Primary Aromas



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ND = None Detected



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