

CBD_210330_297

Sample ID: 2104KCA0531.1253
Cultivar: N/A
Matrix: Concentrates & Extracts
Type: Cannabinoid Isolate
Sample Size:

Received: 04/06/2021
Completed: 04/12/2021
Batch#:

Client



Summary

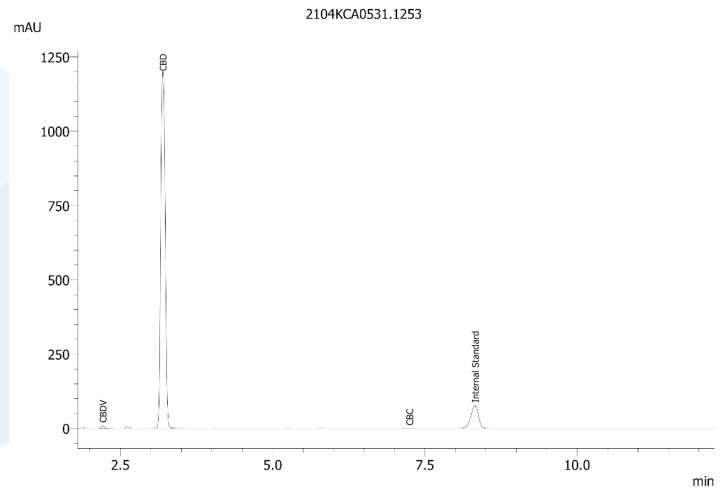
Test	Date Tested	Result
Cannabinoids	04/07/2021	Complete
Residual Solvents	04/07/2021	Complete
Microbials	04/12/2021	Complete
Pesticides	04/12/2021	Complete
Heavy Metals	04/07/2021	Complete

Cannabinoids by HPLC-PDA

Complete

ND Total THC	99.5320% Total CBD	99.8078% Total Cannabinoids	NT Not Tested Moisture Content	Not Tested Foreign Matter
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Analyte	LOD %	LOQ %	Result %	Result mg/g
CBC	0.0095	0.0284	<LOQ	<LOQ
CBCA	0.0181	0.0543	ND	ND
CBCV	0.0060	0.0180	ND	ND
CBD	0.0081	0.0242	99.5320	995.320
CBDA	0.0043	0.0130	ND	ND
CBDV	0.0061	0.0182	0.2758	2.758
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.0060	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
THCA	0.0084	0.0251	ND	ND
THCV	0.0069	0.0206	ND	ND
THCVA	0.0062	0.0186	ND	ND
Total THC			ND	ND
Total CBD			99.5320	995.3200
Total			99.8078	998.078

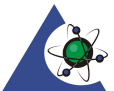


Total THC = THCA * 0.877 + Δ9-THC
Total CBD = CBDA * 0.877 + CBD
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = None Detected

This sample contains a total delta-9-tetrahydrocannabinol concentration that does not exceed 0.3 percent on a dry-weight basis.

Wes Rogers

Wes Rogers
Principal Scientist
04/12/2021



ISO/IEC 17025:2017 Accredited
Accreditation #108651

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Heavy Metals by ICP-MS

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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	ND
Mercury	0.012	0.05	ND

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Pesticides by LCMS/MS & GCMS/MS

Complete

Analyte	LOD	LOQ	Mass	Analyte	LOD	LOQ	Mass
	PPM	PPM	PPM		PPM	PPM	PPM
Abamectin	0.01	0.05	ND	Hexythiazox	0.01	0.05	ND
Acephate	0.01	0.05	ND	Imazalil	0.01	0.05	ND
Acequinocyl	0.01	0.05	ND	Imidacloprid	0.01	0.05	ND
Acetamiprid	0.01	0.05	ND	Kresoxim Methyl	0.01	0.05	ND
Aldicarb	0.01	0.05	ND	Malathion	0.01	0.05	ND
Azoxystrobin	0.01	0.05	ND	Metalaxyl	0.01	0.05	ND
Bifenazate	0.01	0.05	ND	Methiocarb	0.01	0.05	ND
Bifenthrin	0.01	0.05	ND	Methomyl	0.01	0.05	ND
Boscalid	0.01	0.05	ND	Mevinphos	0.01	0.05	ND
Carbaryl	0.01	0.05	ND	Myclobutanil	0.01	0.05	ND
Carbofuran	0.01	0.05	ND	Naled	0.01	0.05	ND
Chlorantraniliprole	0.01	0.05	ND	Oxamyl	0.01	0.05	ND
Chlorpyrifos	0.01	0.05	ND	Paclbutrazol	0.01	0.05	ND
Clofentezine	0.01	0.05	ND	Permethrin	0.01	0.05	ND
Coumaphos	0.01	0.05	ND	Phosmet	0.01	0.05	ND
Cypermethrin	0.01	0.05	ND	Piperonyl Butoxide	0.01	0.05	ND
Daminozide	0.01	0.05	ND	Prallethrin	0.01	0.05	ND
Diazinon	0.01	0.05	ND	Propiconazole	0.01	0.05	ND
Dichlorvos	0.01	0.05	ND	Propoxur	0.01	0.05	ND
Dimethoate	0.01	0.05	ND	Pyrethrins	0.01	0.05	ND
Dimethomorph	0.01	0.05	ND	Pyridaben	0.01	0.05	ND
Ethoprophos	0.01	0.05	ND	Spinetoram	0.01	0.05	ND
Etofenprox	0.01	0.05	ND	Spinosad	0.01	0.05	ND
Etoxazole	0.01	0.05	ND	Spiromesifen	0.01	0.05	ND
Fenhexamid	0.01	0.05	ND	Spirotetramat	0.01	0.05	ND
Fenoxycarb	0.01	0.05	ND	Spiroxamine	0.01	0.05	ND
Fenpyroximate	0.01	0.05	ND	Tebuconazole	0.01	0.05	ND
Fipronil	0.01	0.05	ND	Thiacloprid	0.01	0.05	ND
Flonicamid	0.01	0.05	ND	Thiamethoxam	0.01	0.05	ND
Fludioxonil	0.01	0.05	ND	Trifloxystrobin	0.01	0.05	ND

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Microbials by qPCR

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Analyte

Result

Aerobic Bacteria

CFU/g

Shiga toxin-producing E. Coli

Not Detected in 1g

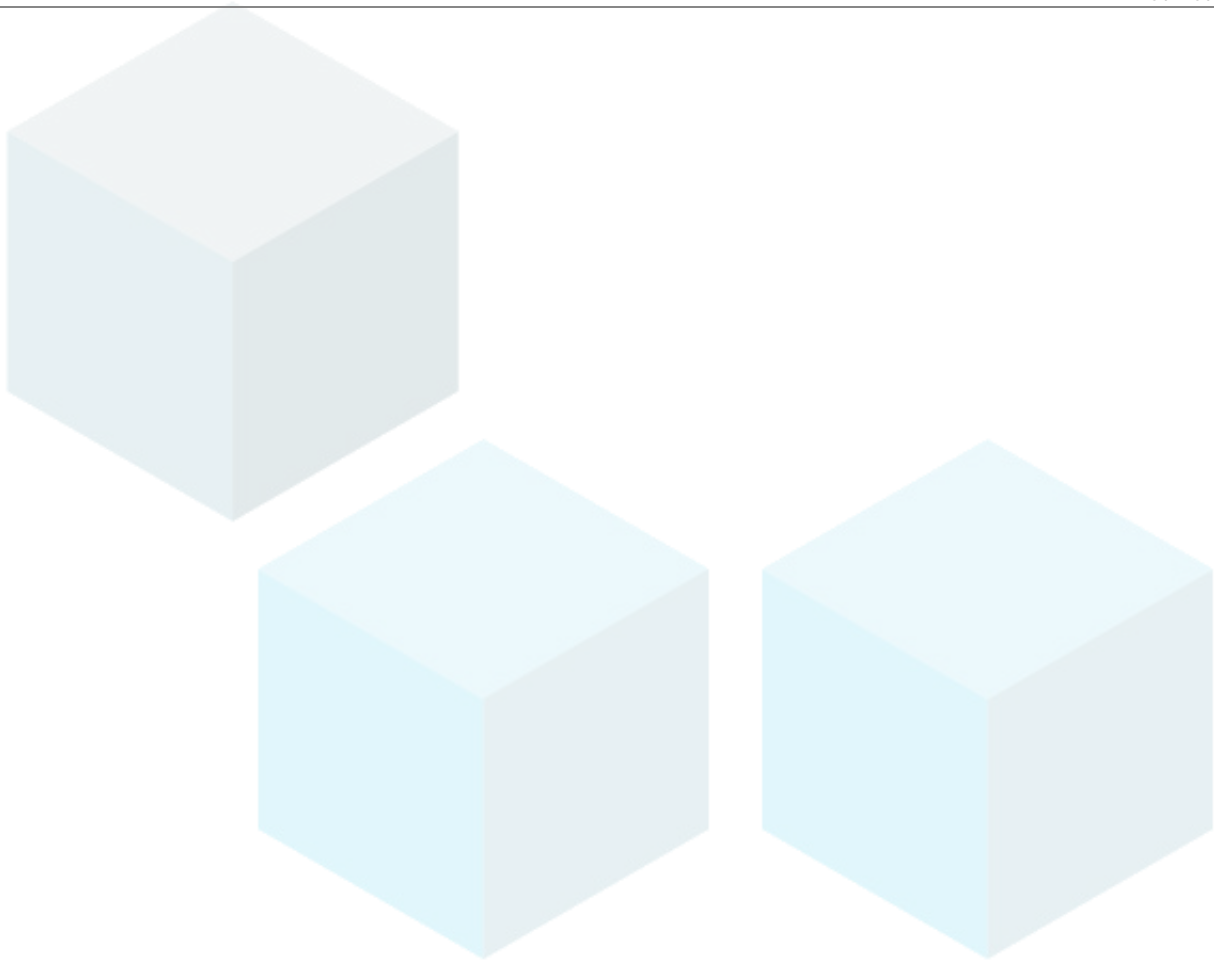
Enterobacteriaceae

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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Residual Solvents by HS-GC/MS

Complete

Analyte	LOD PPM	LOQ PPM	Mass PPM	Analyte	LOD PPM	LOQ PPM	Mass PPM
Acetone	0.5	1	ND	Heptane	0.5	1	ND
Acetonitrile	0.5	1	ND	Isobutane	0.5	1	ND
Benzene	0.5	1	ND	Isopropanol	0.5	1	ND
Butane	0.5	1	ND	Isopropyl-Acetate	0.5	1	ND
1-Butanol	0.5	1	ND	Methanol	0.5	1	ND
2-Butanol	0.5	1	ND	2-Methyl-Butane	0.5	1	3.137
2-Butanone	0.5	1	ND	2-Methyl-Pentane	0.5	1	ND
Chloroform	0.5	1	ND	3-Methyl-Pentane	0.5	1	ND
Cumene	0.5	1	ND	Methylene-Chloride	0.5	1	ND
Cyclohexane	0.5	1	ND	N,N-Dimethyl-Acetamide	0.5	1	ND
1,2-Dichloro-Ethane	0.5	1	ND	N,N-Dimethyl-Formamide	0.5	1	ND
1,2-Dimethoxy-Ethane	0.5	1	ND	Neopentane	0.5	1	ND
2,2-Dimethyl-Butane	0.5	1	ND	1-Pentanol	0.5	1	ND
2,3-Dimethyl-Butane	0.5	1	ND	Propane	0.5	1	ND
Dimethyl sulfoxide	0.5	1	ND	1-Propanol	0.5	1	ND
1,4-Dioxane	0.5	1	ND	Pyridine	0.5	1	ND
Ethanol	0.5	1	4.819	Sulfolane	0.5	1	ND
2-Ethoxy-Ethanol	0.5	1	ND	Tetrahydrofuran	0.5	1	ND
Ethyl-Acetate	0.5	1	ND	Toluene	0.5	1	ND
Ethyl-Benzene	0.5	1	ND	Trichloroethene	0.5	1	ND
Ethyl-Ether	0.5	1	ND	Xylenes	0.5	1	ND
Ethylene glycol	0.5	1	ND	n-Hexane	0.5	1	ND
Ethylene oxide	0.5	1	ND	n-Pentane	0.5	1	353.144

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