

210088CC

 Sample ID: SA-08052021-3147
 Batch: 143
 Type: In-Process Materials
 Matrix: Concentrate - Isolate

 Received: 08/05/2021
 Completed: 08/11/2021

Client

 GenCanna Acquisition Corp.
 4274 Colby Road
 Winchester, KY 40391
 USA
 Lic. #: P-2270

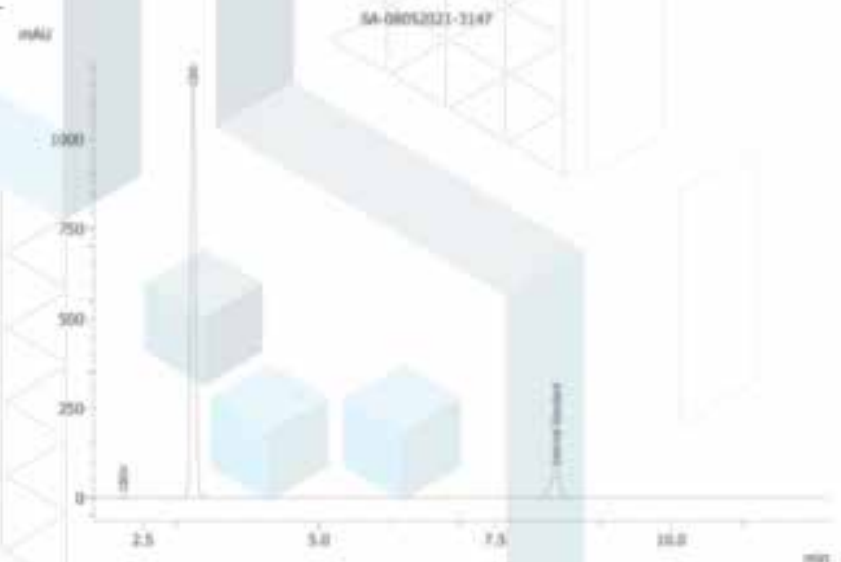
Summary

Test	Date Tested	Status
Cannabinoids	08/09/2021	Tested
Heavy Metals	08/09/2021	Tested
Microbials	08/11/2021	Tested
Mycotoxins	08/06/2021	Tested
Pesticides	08/09/2021	Tested
Residual Solvents	08/10/2021	Tested

Cannabinoids by HPLC-PDA

ND	99.7 %	99.9 %	Not Tested	Not Tested	Yes
Total Δ9-THC	CBD	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Marker Recovered

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	99.747	997.47
CBDA	0.0043	0.013	ND	ND
CBDV	0.0061	0.0182	0.1782	1.7819
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	0.006	0.0181	ND	ND
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	ND	ND
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	ND	ND
Total Δ9-THC			ND	ND
Total CBD			99.747	997.47
Total			99.9252	999.252



ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



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 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
Arsenic	2	20	ND	P
Cadmium	1	20	ND	P
Lead	2	20	ND	P
Mercury	12	50	ND	P

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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
Abamectin	30	100	ND	P	Hexythiazox	30	100	ND	P
Acephate	30	100	ND	P	Imazalil	30	100	ND	P
Acequinocyl	30	100	ND	P	Imidacloprid	30	100	ND	P
Acetamiprid	30	100	ND	P	Kresoxim methyl	30	100	ND	P
Aldicarb	30	100	ND	P	Malathion	30	100	ND	P
Azoxystrobin	30	100	ND	P	Metaxyl	30	100	ND	P
Bifenazate	30	100	ND	P	Methiocarb	30	100	ND	P
Bifenthrin	30	100	ND	P	Methomyl	30	100	ND	P
Boscalid	30	100	ND	P	Mevinphos	30	100	ND	P
Carbaryl	30	100	ND	P	Myclobutanil	30	100	ND	P
Carbofuran	30	100	ND	P	Naled	30	100	ND	P
Chloranthraniliprole	30	100	ND	P	Oxamyl	30	100	ND	P
Chlorfenapyr	30	100	ND	P	Pacllobutrazol	30	100	ND	P
Chlorpyrifos	30	100	ND	P	Permethrin	30	100	ND	P
Clofentezine	30	100	ND	P	Phosmet	30	100	ND	P
Coumaphos	30	100	ND	P	Piperonyl Butoxide	30	100	ND	P
Cypermethrin	30	100	ND	P	Prallethrin	30	100	ND	P
Daminozide	30	100	ND	P	Propiconazole	30	100	ND	P
Diazinon	30	100	ND	P	Propoxur	30	100	ND	P
Dichlorvos	30	100	ND	P	Pyrethrins	30	100	ND	P
Dimethoate	30	100	ND	P	Pyridaben	30	100	ND	P
Dimethomorph	30	100	ND	P	Spinosad	30	100	ND	P
Ethoprophos	30	100	ND	P	Spiromesifen	30	100	ND	P
Etofenprox	30	100	ND	P	Spirotetramat	30	100	ND	P
Etokazole	30	100	ND	P	Spiroxamine	30	100	ND	P
Fenhexamid	30	100	ND	P	Tebuconazole	30	100	ND	P
Fenoxycarb	30	100	ND	P	Thiacloprid	30	100	ND	P
Fenpyroximate	30	100	ND	P	Thiamethoxam	30	100	ND	P
Fipronil	30	100	ND	P	Trifloxystrobin	30	100	ND	P
Flonicamid	30	100	ND	P					
Fludioxonil	30	100	ND	P					

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Microbials by qPCR and/or Plating

Analyte	LOD	Result (CFU/g)	P/F
Coliforms	1	ND	P
Aerobic Bacteria	1	ND	P
Salmonella	1	ND	P
Total Enterobacteriaceae	1	ND	P

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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
B1	1	5	ND	P
B2	1	5	ND	P
C1	1	5	ND	P
C2	1	5	ND	P
Ochratoxin A	1	5	ND	P

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Residual Solvents by HS-GC-MS/MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	0.5	1	ND	P	Ethylene Oxide	0.5	1	ND	P
Acetonitrile	0.5	1	ND	P	Heptane	0.5	1	<RL	P
Benzene	0.5	1	ND	P	n-Hexane	0.5	1	ND	P
Butane	0.5	1	ND	P	Isobutane	0.5	1	ND	P
1-Butanol	0.5	1	ND	P	Isopropyl Acetate	0.5	1	ND	P
2-Butanol	0.5	1	ND	P	Isopropyl Alcohol	0.5	1	ND	P
2-Butanone	0.5	1	ND	P	Isopropylbenzene	0.5	1	ND	P
Chloroform	0.5	1	ND	P	Methanol	0.5	1	ND	P
Cyclohexane	0.5	1	ND	P	2-Methylbutane	0.5	1	ND	P
1,2-Dichloroethane	0.5	1	ND	P	Methylene Chloride	0.5	1	ND	P
1,2-Dimethoxyethane	0.5	1	ND	P	2-Methylpentane	0.5	1	ND	P
Dimethyl Sulfoxide	0.5	1	ND	P	3-Methylpentane	0.5	1	ND	P
N,N-Dimethylacetamide	0.5	1	ND	P	n-Pentane	0.5	1	ND	P
2,2-Dimethylbutane	0.5	1	ND	P	1-Pentanol	0.5	1	ND	P
N,N-Dimethylformamide	0.5	1	ND	P	n-Propane	0.5	1	ND	P
2,2-Dimethylpropane	0.5	1	ND	P	1-Propanol	0.5	1	ND	P
1,4-Dioxane	0.5	1	ND	P	Pyridine	0.5	1	ND	P
Ethanol	0.5	1	<RL	P	Tetrahydrofuran	0.5	1	ND	P
2-Ethoxyethanol	0.5	1	ND	P	Toluene	0.5	1	ND	P
Ethyl Acetate	0.5	1	ND	P	Trichloroethylene	0.5	1	ND	P
Ethyl Ether	0.5	1	ND	P	Tetramethylene Sulfone	0.5	1	ND	P
Ethylbenzene	0.5	1	ND	P	Xylenes (o-, m-, and p-)	0.5	1	ND	P
Ethylene Glycol	0.5	1	ND	P					

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Reporting Limit Appendix

Heavy Metals -

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Arsenic	200	Lead	500
Cadmium	200	Mercury	100

Microbials -

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Coliforms	1	Aerobic Bacteria	1000
Bile-Tolerant Gram-Negative Bacteria	1000	E.coli/Coliforms	1
Yeast & Mold	1000	Salmonella	1

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	5000
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
N,N-Dimethylformamide	880	n-Propane	5000
2,2-Dimethylpropane	5000	1-Propanol	5000
1,4-Dioxane	380	Pyridine	200
Ethanol	5000	Tetrahydrofuran	720
2-Ethoxyethanol	160	Toluene	890
Ethyl Acetate	5000	Trichloroethylene	80
Ethyl Ether	5000	Tetramethylene Sulfone	160
Ethylbenzene	70	Xylenes (o-, m-, and p-)	2170
Ethylene Glycol	620		

Pesticides - CA BCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30

Pesticides - CA BCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acequinocyl	4000	Imidacloprid	3000
Acetamiprid	5000	Knoxoxim methyl	1000
Aldicarb	30	Malathion	5000
Azoxystrobin	40000	Metolaxyl	15000
Bifenazate	5000	Methiocarb	30
Bifenthrin	500	Methomyl	100
Boosalid	10000	Mevinphos	30
Captan	5000	MGK-264	200
Carbaryl	500	Mydobutanol	9000
Carbofuran	30	Naled	500
Chlorantraniliprole	40000	Oxamyl	200
Chlordane	30	Paclobutrazol	30
Chlorfenapyr	30	Parathion methyl	30
Chlorpyrifos	30	Pentachloronitrobenzene	200
Clofentazine	500	Permethrin	20000
Coumaphos	30	Phosmet	200
Cyfluthrin	1000	Piperonyl Butoxide	8000
Cypermethrin	1000	Prallethrin	400
Daminozide	30	Propiconazole	20000
Diazinon	200	Propoxur	30
Dichlorvos	30	Pyrethrins	1000
Dimethoate	30	Pyridaben	3000
Dimethomorph	20000	Spinetoram	3000
Ethoprophos	30	Spinosad	3000
Etofenprox	30	Spiromesifen	12000
Etoazoxole	1500	Spirotetramat	13000
Fenhexamid	10000	Spiroxamine	30
Fenoxycarb	30	Tebuconazole	2000
Fenpyroximate	2000	Thiacloprid	30
Fipronil	30	Thiamethoxam	4500
Flonicamid	2000	Trifloxystrobin	30000
Fludioxonil	30000		

Mycotoxins -

Analyte	Limit (ppm)	Analyte	Limit (ppm)
B1	20	B2	20
G1	20	G2	20
Ochratoxin A	20		

