



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Cannactiv
295 GOOLSBY BOULEVARD
DEERFIELD BEACH, FL 33442

Batch # 3245
Batch Date: 2021-06-01
Extracted From: HEMP

Sampling Method: MSP 7.3.1 Test Reg
State: Florida

Production Facility: EMERALD CORP
Production Date: 2021-06-01

Order # CAN210629-010006
Order Date: 2021-06-29
Sample # AAB0339

Sampling Date: 2021-07-05
Lab Batch Date: 2021-07-05
Completion Date: 2021-07-14

Initial Gross Weight: 81.222 g
Net Weight: 29.395 g

Number of Units: 1
Net Weight per Unit: 29395.000 mg



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Pathogenic Microbiology
Passed

Listeria Monocytogenes
Passed

Delta 8/Delta 10 Potency

12

Tested (LCUV)

Potency Summary

Specimen Weight: 100.860 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	10.000	0.000026	0.001	58.120	5.812
Delta-10 THC	1000.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	10.000	0.000013	0.001	<LOQ	<LOQ
CBC	10.000	0.000018	0.001	<LOQ	<LOQ
CBD	10.000	0.000054	0.001	<LOQ	<LOQ
THCV	10.000	0.000007	0.001	<LOQ	<LOQ
THCA-A	10.000	0.000032	0.001	<LOQ	<LOQ
CBN	10.000	0.000014	0.001	<LOQ	<LOQ
CBGA	10.000	0.00008	0.001	<LOQ	<LOQ
CBG	10.000	0.000248	0.001	<LOQ	<LOQ
CBDV	10.000	0.000065	0.001	<LOQ	<LOQ
CBDA	10.000	0.00001	0.001	<LOQ	<LOQ

5.812%	Total Delta 8 1,708.437mg	Total Delta 10 None Detected
	Total THC None Detected	Total CBD None Detected
	Total CBG None Detected	Total CBN None Detected
	Other Cannabinoids None Detected	Total Cannabinoids 5.812% 1,708.437mg

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
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Lab Director/Principal Scientist



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 Sampling Method: MSP 7.3.1 Test Reg State: Florida
 Production Facility: EMERALD CORP Production Date: 2021-06-01

Order # CAN210629-010006 Order Date: 2021-06-29 Sample # AAB0339
 Sampling Date: 2021-07-05 Lab Batch Date: 2021-07-05 Completion Date: 2021-07-14
 Initial Gross Weight: 81.222 g Net Weight: 29.395 g
 Number of Units: 1 Net Weight per Unit: 29395.000 mg

Heavy Metals

Specimen Weight: 252.300 mg

Passed
(ICP-MS)

Dilution Factor: 2.000

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Cadmium (Cd)	100	500	<LOQ
Lead (Pb)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

Mycotoxins

Specimen Weight: 161.300 mg

Passed
(LCMS)

Dilution Factor: 9.299

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	<LOQ	Aflatoxin B2	6	20	<LOQ
Aflatoxin G1	6	20	<LOQ	Aflatoxin G2	6	20	<LOQ
Ochratoxin A	12	20	<LOQ				

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Aixia Sun
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Cannactiv Batch # 3245 Sampling Method: MSP 7.3.1 Test Reg Production Facility: EMERALD CORP
295 GOOLSBY BOULEVARD Batch Date: 2021-06-01 State: Florida Production Date: 2021-06-01
DEERFIELD BEACH, FL 33442 Extracted From: HEMP

Order # CAN210629-010006 Sampling Date: 2021-07-05 Initial Gross Weight: 81.222 g Number of Units: 1
Order Date: 2021-06-29 Lab Batch Date: 2021-07-05 Net Weight: 29.395 g Net Weight per Unit: 29395.000 mg
Sample # AAB0339 Completion Date: 2021-07-14

Pesticides FL V4 **Passed**
(LCMS/GCMS)
Specimen Weight: 161.300 mg

Dilution Factor: 9.299

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Acephate	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Acetamiprid	30	3000	<LOQ
Aldicarb	30	100	<LOQ	Azoxystrobin	10	3000	<LOQ
Bifenazate	30	3000	<LOQ	Bifenthrin	30	500	<LOQ
Boscalid	10	3000	<LOQ	Captan	30	3000	<LOQ
Carbaryl	10	500	<LOQ	Carbofuran	10	100	<LOQ
Chlorantraniliprole	10	3000	<LOQ	Chlordane	10	100	<LOQ
Chlorfenapyr	30	100	<LOQ	Chlormequat Chloride	10	3000	<LOQ
Chlorpyrifos	30	100	<LOQ	Clofentezine	30	500	<LOQ
Coumaphos	48	100	<LOQ	Cyfluthrin	30	1000	<LOQ
Cypermethrin	30	1000	<LOQ	Daminozide	30	100	<LOQ
Diazinon	30	200	<LOQ	Dichlorvos	30	100	<LOQ
Dimethoate	30	100	<LOQ	Dimethomorph	48	3000	<LOQ
Ethoprophos	30	100	<LOQ	Etofenprox	30	100	<LOQ
Etoxazole	30	1500	<LOQ	Fenhexamid	10	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Fenpyroximate	30	2000	<LOQ
Fipronil	30	100	<LOQ	Flonicamid	30	2000	<LOQ
Fludioxonil	48	3000	<LOQ	Hexythiazox	30	2000	<LOQ
Imazalil	30	100	<LOQ	Imidacloprid	30	3000	<LOQ
Kresoxim Methyl	30	1000	<LOQ	Malathion	30	2000	<LOQ
Metaxyl	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Methomyl	30	100	<LOQ	methyl-Parathion	10	100	<LOQ
Mevinphos	10	100	<LOQ	Myclobutanil	30	3000	<LOQ
Naled	30	500	<LOQ	Oxamyl	30	500	<LOQ
Paclotrazol	30	100	<LOQ	Pentachloronitrobenzene	10	200	<LOQ
Permethrin	30	1000	<LOQ	Phosmet	30	200	<LOQ
Piperonylbutoxide	30	3000	<LOQ	Prallethrin	30	400	<LOQ
Propiconazole	30	1000	<LOQ	Propoxur	30	100	<LOQ
Pyrethrins	30	1000	<LOQ	Pyridaben	30	3000	<LOQ
Spinetoram	10	3000	<LOQ	Spinosad	30	3000	<LOQ
Spiromesifen	30	3000	<LOQ	Spirotetramat	30	3000	<LOQ
Spiroxamine	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Thiacloprid	30	100	<LOQ	Thiamethoxam	30	1000	<LOQ
Trifloxystrobin	30	3000	<LOQ				

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Sampling Method: MSP 7.3.1 Test Reg State: Florida
Production Facility: EMERALD CORP Production Date: 2021-06-01

Order # CAN210629-010006 Order Date: 2021-06-29 Sample # AAB0339
Sampling Date: 2021-07-05 Lab Batch Date: 2021-07-05 Completion Date: 2021-07-14
Initial Gross Weight: 81.222 g Net Weight: 29.395 g
Number of Units: 1 Net Weight per Unit: 29395.000 mg

Residual Solvents - FL (CBD) Passed (GCMS)

Specimen Weight: 14.300 mg

Dilution Factor: 1.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Acetone	2.08	5000	<LOQ	Benzene	0.02	2	<LOQ
Butanes	2.5	2000	<LOQ	Ethanol	2.78	5000	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Heptane	1.39	5000	<LOQ
Hexane	1.17	290	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Methanol	0.69	3000	<LOQ	Pentane	2.08	5000	<LOQ
Propane	5.83	2100	<LOQ	Toluene	2.92	890	<LOQ
Total Xylenes	2.92	2170	<LOQ				

Pathogenic Microbiology SAE (MicroArray) Passed (Micro Array)

Specimen Weight: 1015.700 mg

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus fumigatus	Absence in 1g
Aspergillus niger	Absence in 1g	Aspergillus terreus	Absence in 1g
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

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Order # CAN210629-010006 Order Date: 2021-06-29 Sample # AAB0339	Sampling Date: 2021-07-05 Lab Batch Date: 2021-07-05 Completion Date: 2021-07-14	Initial Gross Weight: 81.222 g Net Weight: 29.395 g	Number of Units: 1 Net Weight per Unit: 29395.000 mg

Listeria Monocytogenes **Passed**
(qPCR)

Specimen Weight: 1017.100 mg

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

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