



Certificate of Analysis

Compliance Test

Client Information: Jolly Batch # 78442-0924 Test Reg State: Florida
Batch Date: 2023-02-10
Order #VIR230210-010001 Sampling Date: 2023-02-14 Initial Gross Weight: 62.972 g
Order Date: 2023-02-10 Lab Batch Date: 2023-02-14 Net Weight: 59.972 g
Sample # AAEC208 Orig. Completion Date: 2023-09-05
Statement of Amendment: Updated Batch#, Updated Photo; Merging reports

Number of Units: 1
Net Weight per Unit: 59972.000 mg
Sampling Method: MSP 7.3.1



Product Image

Potency Tested
 Heavy Metals Passed
 Mycotoxins Passed
 Pesticides Passed
 Residual Solvents Passed
 Pathogenic Microbiology Passed
 Listeria Monocytogenes Passed

Potency 23 (LCUV)
Specimen Weight: 254.000 mg

Tested
None Found - Add on Testing Tabs! (0)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (m g/)	(%)
Delta-9 THC	100.000	1.30E-5	0.0015	g)	0.2610
CBD	100.000	5.40E-5	0.0015	2.6100	0.2140
CBDA	10.000	1.00E-5	0.0015	2.1400	0.0171
CBC	10.000	1.80E-5	0.0015	0.1710	0.0124
CBN	10.000	1.40E-5	0.0015	0.1240	0.0106
CBG	10.000	2.48E-4	0.0015	0.1060	0.0088
CBT	10.000	2.00E-4	0.0015	0.0880	0.0064
CBDV	10.000	6.50E-5	0.0015	0.0640	0.0027
CBNA	10.000	9.50E-5	0.0015	0.0270	0.0017
CBCA	10.000	1.07E-4	0.0015	0.0170	<LOQ
CBDVA	10.000	1.40E-5	0.0015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.0015	<LOQ	<LOQ
CBL	10.000	3.50E-5	0.0015	<LOQ	<LOQ
Delta-8 THC	10.000	2.60E-5	0.0015	<LOQ	<LOQ
Delta-8 THC-O Acetate	10.000	2.70E-5	0.003	<LOQ	<LOQ
Delta-8 THCV	10.000	4.00E-5	0.0015	<LOQ	<LOQ
Delta-9 THC-O Acetate	10.000	7.70E-5	0.003	<LOQ	<LOQ
Delta8-THCP *	10.000	3.75E-4	0.0015	<LOQ	<LOQ
Delta9-THCP *	10.000	1.17E-5	0.0012	<LOQ	<LOQ
Exo-THC	10.000	2.30E-4	0.0015	<LOQ	<LOQ
THC A -A	10.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.0015	<LOQ	<LOQ
THC V A	10.000	4.70E-5	0.0015	<LOQ	0.229
Total Active CBD	10.000			<LOQ	0.261
Total Active THC	10.000			2.290	
				2.610	

Potency Summary

Total Active THC 0.261%	156.530mg	Total Active CBD 0.229%	137.350mg
Total CBG 0.009%	5.400mg	Total CBN 0.012%	7.200mg
Other Cannabinoids 0.022%	13.19mg	Total Cannabinoids 0.532%	319.050mg

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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = THC + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (mg/ml) = Milligram per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Sample not received via laboratory sampling. Revised report- see statement of amendment above.
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Order Date: 2023-02-10
Sample # AAEC208

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Orig. Completion Date: 2023-09-05

Number of Units: 1
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Sampling Method: MSP 7.3.1

Listeria Monocytogenes

Specimen Weight: 1025.760 mg

Dilution Factor: 1.000

Analyte	Action Level (c fu/ g)
Listeria Monocytogenes	1

Passed
SOP13.032 (qPCR)

Result
Absence in 1g

Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1033.810 mg

Dilution Factor: 1.000

Analyte	Result (c fu/ g)
Aspergillus avus	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

Passed
SOP13.019
(Micro Array)

Result (c fu/ g)
Absence in 1g
Absence in 1g
Absence in 1g

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Definitions are found on page 1

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Heavy Metals

Specimen Weight: 247.950 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 201

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	1500	<LOQ	11.7	500	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	6	100	3000	<LOQ
Lead (Pb)				<LOQ	.58	100		
Mercury (Hg)				<LOQ				



Mycotoxins

Specimen Weight: 254.000 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 5.910

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
A atoxin B1	3.04	000E-16	20	<LOQ	20	20	20	<LOQ
A atoxin B2	7.70	000E-16	20	<LOQ	20	20	20	<LOQ
A atoxin G	4.00	000E-16	20	<LOQ	20	20	20	<LOQ
Ochratoxin A	7.54	000E-13	8	<LOQ				



Residual Solvents - FL (CBD)

Specimen Weight: 13.900 mg

Passed
SOP13.039 (GCMS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethane	0.0094	0.16	8	<LOQ	0.0013	1.39	5000	<LOQ
Acetone	0.0003	0.04	5	<LOQ	0.068	1.17	290	<LOQ
Acetonitrile	0.015	2.08	5000	<LOQ	0.0048	1.39	500	<LOQ
Benzene	0.06	1.17	410	<LOQ	0.0005	0.69	3000	13.
Butanes	0.0002	0.02	2	<LOQ	0.0029	2.43	600	018
Chloroform	0.4167	2.5	2000	<LOQ	0.037	2.08	5000	<LOQ
Ethanol	0.0001	0.04	60	<LOQ	0.031	5.83	2100	<LOQ
Ethyl Acetate	0.0021	2.78	5000	<LOQ	0.0009	2.92	890	<LOQ
Ethyl Ether	0.0012	1.11	5000	<LOQ	0.0001	2.92	2170	<LOQ
Ethylene Oxide	0.0049	1.39	5000	<LOQ	0.0014	0.49	80	<LOQ
Heptane	0.0038	0.1	5	<LOQ				<LOQ
Hexane				<LOQ				
Isopropyl alcohol				<LOQ				
Methanol				<LOQ				
Methylene chloride				<LOQ				
Pentane				<LOQ				
Propane				<LOQ				
Toluene				<LOQ				
Total Xylenes				<LOQ				
Trichloroethylene				<LOQ				

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Pesticides FL
Specimen Weight: 254.000 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.910

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb) Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.2	300	<LOQ Fludioxonil	1.7400E+0	3000	3000	<LOQ
Acephate	2.3000E-2	3	3000	<LOQ Hexythiazox	4.9000E-2	48	2000	<LOQ
Acequinocyl	9.5640E+0	30	2000	<LOQ Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	48	3000	<LOQ Imidacloprid	9.4000E-2	30	3000	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ Kresoxim Methyl	4.2000E-2	30	1000	<LOQ
Azoxystrobin	8.1000E-2	30	3000	<LOQ Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	10	3000	<LOQ Metalaxyl	8.1000E-2	30	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ Methiocarb	3.2000E-2	10	100	<LOQ
Boscalid	5.5000E-2	30	3000	<LOQ Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	10	3000	<LOQ methyl-Parathion	1.7100E+0	30	100	<LOQ
Carbaryl	2.2000E-2	30	500	<LOQ Mevinphos	2.1500E+0	10	100	<LOQ
Carbofenthiin	3.4000E-2	10	100	<LOQ Myclobutanil	1.0290E+0	10	3000	<LOQ
Chlorantraniliprole	3.3000E-2	10	3000	<LOQ Naled	9.5000E-2	30	500	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenvinphos	3.4000E-2	10	100	<LOQ Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlorpyrifos	1.0800E-1	30	3000	<LOQ Pentachloronitrobenzene	1.3200E+0	30	200	<LOQ
Clofentezine	3.5000E-2	10	100	<LOQ Permethrin	3.4300E-1	10	1000	<LOQ
Coumaphos	1.1900E-1	30	500	<LOQ Phosmet	8.2000E-2	30	200	<LOQ
Cyuthrin	3.7700E+0	30	100	<LOQ Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cypermethrin	3.1100E+0	48	1000	<LOQ Prallethrin	7.9800E-1	30	400	<LOQ
Daminozide	1.4490E+0	30	1000	<LOQ Propiconazole	7.0000E-2	30	1000	<LOQ
Diazinon	8.8500E-1	30	100	<LOQ Propoxur	4.6000E-2	30	100	<LOQ
Dichlorvos	4.4000E-2	30	200	<LOQ Pyrethrins	2.3593E+1	30	1000	<LOQ
Dimethoate	2.1820E+0	30	100	<LOQ Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethomorph	2.1000E-2	30	100	<LOQ Spinetoram	8.0000E-2	30	3000	<LOQ
Ethoprophos	5.8300E+0	30	3000	<LOQ Spinosad	8.8000E-2	10	3000	<LOQ
Etofenprox	3.6000E-1	48	100	<LOQ Spiromesifen	2.6100E-1	30	3000	<LOQ
Etoxazole	1.1600E-1	30	100	<LOQ Spirotetramat	8.9000E-2	30	3000	<LOQ
Fenhexamid	9.5000E-2	30	1500	<LOQ Spiroxamine	1.3100E-1	30	100	<LOQ
Fenoxycarb	5.1000E-1	30	3000	<LOQ Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenpyroximate	1.0700E-1	10	100	<LOQ Thiacloprid	6.4000E-2	30	100	<LOQ
Fipronil	1.3800E-1	30	2000	<LOQ Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fonicamid	1.0700E-1	30	100	<LOQ Trioxystrobin	3.7000E-2	30	3000	<LOQ
	5.1700E-1	30	2000	<LOQ		30		

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