



**Certificate of Analysis**  
Compliance Test

Client Information:

**HAPPY FRUIT**  
6500 S. QUEBEC ST.  
UNIT 280  
CENTENNIAL, CO 80111

Batch # N02593  
Batch Date: 2023-08-10  
Extracted From: Hemp

Test Reg State: Florida

Order # OUT230811-010001  
Order Date: 2023-08-11  
Sample # AAET675

Sampling Date: 2023-08-15  
Lab Batch Date: 2023-08-15  
Completion Date: 2023-08-18

Initial Gross Weight: 91.034 g  
Net Weight: 83.634 g

Number of Units: 1  
Net Weight per Unit: 7500.000 mg



Product Image

**Potency 10**  
Specimen Weight: 1501.300 mg

**Tested**  
SOP13.001 (LCUV)

**Potency Summary**

<b>Total Active THC</b> 0.190% 14.250mg	<b>Total Active CBD</b> 0.073% 5.480mg
<b>Total CBG</b> None Detected	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> 0%	<b>Total Cannabinoids</b> 0.263% 19.730mg

Pieces For Panel: 10

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-9 THC	10.000	1.30E-5	0.015	1.900	0.190
CBD	10.000	5.40E-5	0.015	0.730	0.073
CBC	10.000	1.80E-5	0.015	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	10.000			0.730	0.073
Total Active THC	10.000			1.900	0.190

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Aixia Sun Lab Director/Principal Scientist  
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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 = THCV + (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) = Milligrams 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.

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**HAPPY FRUIT**  
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Batch # N02593  
Batch Date: 2023-04-01  
Extracted From: Hemp

Test Reg State: Florida

Production Facility: Outpost  
Production Date: 2023-04-01

Order # HAP230405-060001  
Order Date: 2023-04-05  
Sample # AAEH871

Sampling Date: 2023-04-13  
Lab Batch Date: 2023-04-13  
Orig. Completion Date: 2023-04-20

Initial Gross Weight: 75.634 g  
Net Weight: 68.534 g

Number of Units: 1  
Net Weight per Unit: 6853.400 mg  
Sampling Method: MSP 7.3.1

**Terpenes**  
Specimen Weight: 1511.500 mg

**Tested**  
SOP13.045 (GC/GCMS)

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
(+)-Cedrol	0.002		<LOQ	Fenchyl Alcohol	0.002		<LOQ
(R)-(+)-Limonene	0.002		<LOQ	Gamma-Terpinene	0.002		<LOQ
3-Carene	0.002		<LOQ	Geraniol	0.002		<LOQ
alpha-Bisabolol	0.002		<LOQ	Geranyl acetate	0.002		<LOQ
alpha-Cedrene	0.002		<LOQ	Guaiaol	0.002		<LOQ
alpha-Humulene	0.002		<LOQ	Hexahydrothymol	0.002		<LOQ
alpha-Phellandrene	0.002		<LOQ	Isobomeol	0.002		<LOQ
alpha-Pinene	0.002		<LOQ	Isopulegol	0.002		<LOQ
alpha-Terpinene	0.002		<LOQ	Linalool	0.002		<LOQ
beta-Myrcene	0.002		<LOQ	Nerol	0.002		<LOQ
beta-Pinene	0.002		<LOQ	Ocimene	0.00033		<LOQ
Borneol	0.004		<LOQ	Pulegone	0.002		<LOQ
Camphene	0.002		<LOQ	Sabinene	0.002		<LOQ
Camphors	0.006		<LOQ	Sabinene Hydrate	0.002		<LOQ
Caryophyllene oxide	0.002		<LOQ	Terpinolene	0.002		<LOQ
cis-Nerolidol	0.002		<LOQ	Total Terpeneol	0.00126		<LOQ
Eucalyptol	0.002		<LOQ	trans-Caryophyllene	0.002		<LOQ
Farnesene	0.002		<LOQ	trans-Nerolidol	0.002		<LOQ
Fenchone	0.002		<LOQ	Valencene	0.002		<LOQ

**Listeria Monocytogenes**  
Specimen Weight: 983.100 mg

**Passed**  
SOP13.032 (qPCR)

**Pathogenic Microbiology SAE (MicroArray)**  
Specimen Weight: 1045.200 mg

**Passed**  
SOP13.019 (Micro Array)

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

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**Mycotoxins**  
Specimen Weight: 273.200 mg

Dilution Factor: 5.490				
Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ

**Passed** Residual Solvents - FL (CBD)  
SOP13.007 (LCMS) Specimen Weight: 304.400 mg

Dilution Factor: 1.000				
Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ
Acetone	0.015	2.08	5000	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ
Benzene	0.0002	0.02	2	<LOQ
Butanes	0.4167	2.5	2000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ
Ethanol	0.0021	2.78	5000	226.338
Ethyl Acetate	0.0012	1.11	5000	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ

**Passed**  
SOP13.056 (GCMS)

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
Heptane	0.0013	1.39	5000	<LOQ
Hexane	0.068	1.17	290	<LOQ
Isopropyl alcohol	0.0048	1.39	500	<LOQ
Methanol	0.0005	0.69	3000	18.399
Methylene chloride	0.0029	2.43	600	<LOQ
Pentane	0.037	2.08	5000	<LOQ
Propane	0.031	5.83	2100	<LOQ
Toluene	0.0009	2.92	890	<LOQ
Total Xylenes	0.0001	2.92	2170	<LOQ
Trichloroethylene	0.0014	0.49	80	<LOQ

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**Pesticides**  
Specimen Weight: 273.200 mg

**Passed**  
SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.490

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	2.8800E-1	28.23	300	<LOQ	Fludioxonil	1.7400E+0	48	3000	<LOQ
Acephate	2.3000E-2	30	3000	<LOQ	Hexythiazox	4.9000E-2	30	2000	<LOQ
Acequinocyl	9.5640E+0	48	2000	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	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	10	3000	<LOQ	Malathion	8.2000E-2	30	2000	<LOQ
Bifenazate	1.4150E+0	30	3000	<LOQ	Metalaxyl	8.1000E-2	10	3000	<LOQ
Bifenthrin	4.3000E-2	30	500	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	3000	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	3000	<LOQ	methyl-Parathion	1.7100E+0	10	100	<LOQ
Carbaryl	2.2000E-2	10	500	<LOQ	Mevinphos	2.1500E+0	10	100	<LOQ
Carbofuran	3.4000E-2	10	100	<LOQ	Myclobutanil	1.0290E+0	30	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
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclobutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	3000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	200	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	1000	<LOQ
Clofentezine	1.1900E-1	30	500	<LOQ	Phosmet	8.2000E-2	30	200	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	1000	<LOQ	Prallethrin	7.9800E-1	30	400	<LOQ
Cypermethrin	1.4490E+0	30	1000	<LOQ	Propiconazole	7.0000E-2	30	1000	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	200	<LOQ	Pyrethrins	2.3593E+1	30	1000	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	3000	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	3000	<LOQ
Dimethomorph	5.8300E+0	48	3000	<LOQ	Spinosad	8.8000E-2	30	3000	<LOQ
Ethioniazole	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	3000	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	3000	<LOQ
Etoxazole	9.5000E-2	30	1500	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	3000	<LOQ	Tebuconazole	6.7000E-2	30	1000	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	2000	<LOQ	Thiamethoxam	5.0000E-2	30	1000	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	3000	<LOQ
Flonicamid	5.1700E-1	30	2000	<LOQ					

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