



Certificate of Analysis
Compliance Test

Client Information:

SOUTH TIP, LLC
21400 SW 392ND ST
HOMESTEAD, FL 33034
Order # SOU240628-010001
Order Date: 2024-06-28
Sample # AAFS601

Batch # 6272024
Batch Date: 2024-06-27
Extracted From: Hemp

Test Reg State: Florida

Production Facility: South Tip, LLC
Production Date: 2024-06-27

Sampling Date: 2024-07-02
Lab Batch Date: 2024-07-02
Completion Date: 2024-07-08

Initial Gross Weight: 24.437 g
Net Weight: 10.307 g



Product Image

Potency Tested
 Terpenes Tested
 Heavy Metals Passed
 Mycotoxins Passed
 Pesticides Passed
Moisture Tested
 Pathogenic Passed
 Microbiology (qPCR) Passed

Potency - 11

Specimen Weight: 203.810 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBGA	15.000	8.00E-5	0.015	87.890	8.789
Delta-8 THC	15.000	2.60E-5	0.015	62.700	6.270
CBG	15.000	2.48E-4	0.015	3.330	0.333
CBC	15.000	1.80E-5	0.015	1.500	0.150
THCA-A	15.000	3.20E-5	0.015	0.870	0.087
CBN	15.000	1.40E-5	0.015	0.410	0.041
CBD	15.000	5.40E-5	0.015	<LOQ	<LOQ
CBDA	15.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	15.000	6.50E-5	0.015	<LOQ	<LOQ
Delta-9 THC	15.000	1.30E-5	0.015	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	15.000			<LOQ	<LOQ
Total Active THC	15.000			0.763	0.076

Potency Summary

Total Active THC 0.076% 0.008 mg	Total Active CBD None Detected
Total CBG 8.050% 0.830 mg	Total CBN 0.041% 0.004 mg
Total Cannabinoids 15.670% 1.615 mg	Total DELTA-8-THC 6.27%

Terpenes Summary

Analyte	Result (mg/g)	(%)
Ocimene	1.842	0.184%
(R)-(+)-Limonene	1.21	0.121%
beta-Myrcene	0.82	0.082%
Linalool	0.767	0.077%
Guaial	0.543	0.054%
trans-Caryophyllene	0.456	0.046%
Geraniol	0.296	0.03%

Total Terpenes: 0.594%

Detailed Terpenes Analysis is on the following page

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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 * 0.867), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THC = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.878) + CBG, CBN Total = (CBNA * 0.876) + 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, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (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. Sample not received via laboratory sampling. 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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721 Cortaro Dr.
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DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

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Terpenes

Specimen Weight: 222.100 mg

Tested
SOP13.045 (GC/GCMS)

Dilution Factor: 30.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
Ocimene	0.00033	1.842	0.184	Caryophyllene oxide	0.002	<LOQ	<LOQ
(R)-(+)-Limonene	0.002	1.210	0.121	cis-Nerolidol	0.002	<LOQ	<LOQ
beta-Myrcene	0.002	0.820	0.082	Eucalyptol	0.002	<LOQ	<LOQ
Linalool	0.002	0.767	0.077	Farnesene	0.002	<LOQ	<LOQ
Guaiol	0.002	0.543	0.054	Fenchone	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	0.456	0.046	Fenchyl Alcohol	0.002	<LOQ	<LOQ
Geraniol	0.002	0.296	0.030	Gamma-Terpinene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	Geranyl acetate	0.002	<LOQ	<LOQ
3-Carene	0.002	<LOQ	<LOQ	Hexahydrothymol	0.002	<LOQ	<LOQ
alpha-Bisabolol	0.002	<LOQ	<LOQ	Isoborneol	0.002	<LOQ	<LOQ
alpha-Cedrene	0.002	<LOQ	<LOQ	Isopulegol	0.002	<LOQ	<LOQ
alpha-Humulene	0.002	<LOQ	<LOQ	Nerol	0.002	<LOQ	<LOQ
alpha-Phellandrene	0.002	<LOQ	<LOQ	Pulegone	0.002	<LOQ	<LOQ
alpha-Pinene	0.002	<LOQ	<LOQ	Sabinene	0.002	<LOQ	<LOQ
alpha-Terpinene	0.002	<LOQ	<LOQ	Sabinene Hydrate	0.002	<LOQ	<LOQ
beta-Pinene	0.002	<LOQ	<LOQ	Terpinolene	0.002	<LOQ	<LOQ
Borneol	0.004	<LOQ	<LOQ	Total Terpeneol	0.00126	<LOQ	<LOQ
Camphene	0.002	<LOQ	<LOQ	trans-Nerolidol	0.002	<LOQ	<LOQ
Camphors	0.006	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ



Moisture

Net Weight: 10.307 g

Tested

SOP13.015
(Moisture Meter)



Total Yeast and Mold

Specimen Weight: 958.370 mg

Passed

SOP13.017 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (%)	Result (%)
Moisture	15	10.830

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Remark
Total Yeast/Mold	100000	73519	Passed

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Definitions are found on page 1

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Pathogenic SAE (qPCR)
Specimen Weight: 1000.800 mg

Passed
SOP13.029 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

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Heavy Metals

Specimen Weight: 252.500 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 198

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	4.83	100	200	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	200	<LOQ	Mercury (Hg)	.58	100	200	<LOQ



Mycotoxins

Specimen Weight: 614.700 mg

Passed
SOP13.007 (LCMS)

Dilution Factor: 2.440

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ	Aflatoxin G2	2.7100E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	8.181	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

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Pesticides

Specimen Weight: 614.700 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.440

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	100	<LOQ	Fludioxonil	1.7400E+0	48	100	<LOQ
Acephate	2.3000E-2	30	100	<LOQ	Hexythiazox	4.9000E-2	30	100	<LOQ
Acequinocyl	9.5640E+0	48	100	<LOQ	Imazalil	2.4800E-1	30	100	<LOQ
Acetamiprid	5.2000E-2	30	100	<LOQ	Imidacloprid	9.4000E-2	30	400	<LOQ
Aldicarb	2.6000E-2	30	100	<LOQ	Kresoxim Methyl	4.2000E-2	30	100	<LOQ
Azoxystrobin	8.1000E-2	10	100	<LOQ	Malathion	8.2000E-2	30	200	<LOQ
Bifenazate	1.4150E+0	30	100	<LOQ	Metalaxyl	8.1000E-2	10	100	<LOQ
Bifenthrin	4.3000E-2	30	200	<LOQ	Methiocarb	3.2000E-2	30	100	<LOQ
Boscalid	5.5000E-2	10	100	<LOQ	Methomyl	2.2000E-2	30	100	<LOQ
Captan	6.1200E+0	30	700	<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	100	<LOQ
Chlorantraniliprole	3.3000E-2	10	1000	<LOQ	Naled	9.5000E-2	30	250	<LOQ
Chlordane	1.0000E+1	10	100	<LOQ	Oxamyl	2.5000E-2	30	500	<LOQ
Chlorfenapyr	3.4000E-2	30	100	<LOQ	Paclbutrazol	6.5000E-2	30	100	<LOQ
Chlormequat Chloride	1.0800E-1	10	1000	<LOQ	Pentachloronitrobenzene	1.3200E+0	10	150	<LOQ
Chlorpyrifos	3.5000E-2	30	100	<LOQ	Permethrin	3.4300E-1	30	100	<LOQ
Clofentezine	1.1900E-1	30	200	<LOQ	Phosmet	8.2000E-2	30	100	<LOQ
Coumaphos	3.7700E+0	48	100	<LOQ	Piperonylbutoxide	2.9000E-2	30	3000	<LOQ
Cyfluthrin	3.1100E+0	30	500	<LOQ	Prallethrin	7.9800E-1	30	100	<LOQ
Cypermethrin	1.4490E+0	30	500	<LOQ	Propiconazole	7.0000E-2	30	100	<LOQ
Daminozide	8.8500E-1	30	100	<LOQ	Propoxur	4.6000E-2	30	100	<LOQ
Diazinon	4.4000E-2	30	100	<LOQ	Pyrethrins	2.3593E+1	30	500	<LOQ
Dichlorvos	2.1820E+0	30	100	<LOQ	Pyridaben	3.2000E-2	30	200	<LOQ
Dimethoate	2.1000E-2	30	100	<LOQ	Spinetoram	8.0000E-2	10	200	<LOQ
Dimethomorph	5.8300E+0	48	200	<LOQ	Spinosad	8.8000E-2	30	100	<LOQ
Ethoprophos	3.6000E-1	30	100	<LOQ	Spiromesifen	2.6100E-1	30	100	<LOQ
Etofenprox	1.1600E-1	30	100	<LOQ	Spirotetramat	8.9000E-2	30	100	<LOQ
Etoxazole	9.5000E-2	30	100	<LOQ	Spiroxamine	1.3100E-1	30	100	<LOQ
Fenhexamid	5.1000E-1	10	100	<LOQ	Tebuconazole	6.7000E-2	30	100	<LOQ
Fenoxycarb	1.0700E-1	30	100	<LOQ	Thiacloprid	6.4000E-2	30	100	<LOQ
Fenpyroximate	1.3800E-1	30	100	<LOQ	Thiamethoxam	5.0000E-2	30	500	<LOQ
Fipronil	1.0700E-1	30	100	<LOQ	Trifloxystrobin	3.7000E-2	30	100	<LOQ
Flonicamid	5.1700E-1	30	100	<LOQ					

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