



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

SOUTH TIP, LLC
21400 SW 392ND ST
HOMESTEAD, FL 33034

Batch # 05172022CBGD8
Batch Date: 2022-05-17
Extracted From: HEMP

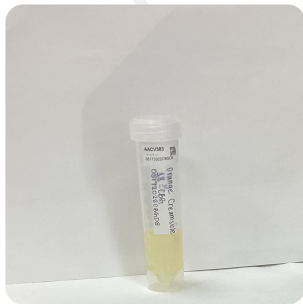
Sampling Method: MSP 7.3.1
Test Reg State: Florida

Production Facility: SOUTH TIP, LLC
Production Date: 2022-05-17

Order # SOU220517-010001
Order Date: 2022-05-17
Sample # AACV383

Sampling Date: 2022-05-23
Lab Batch Date: 2022-05-23
Completion Date: 2022-05-26

Initial Gross Weight: 29.144 g
Density: 0.986 g/ml



Product Image

Potency
Tested

Heavy Metals
Passed

Mycotoxins
Passed

Pesticides
Passed

Residual Solvents
Passed

Listeria Monocytogenes
Passed

Pathogenic
Passed

Delta 8/Delta 10 Potency 12 + Potency 10

Tested
SOP13.043 (LCUV)

Specimen Weight: 85.330 mg

Analyte	LOD (%)	LOQ (%)	Result (mg/ml)	(%)
Delta-8 THC	2.60E-5	0.001	29.610	3.003
CBG	2.48E-4	0.002	24.290	2.463
CBC	1.80E-5	0.002		<LOQ
CBD	5.40E-5	0.002		<LOQ
THCA	3.20E-5	0.002		<LOQ
Delta-9 THC	1.30E-5	0.002		<LOQ
Delta-10 THC	3.00E-6	0.001		<LOQ
CBN	1.40E-5	0.002		<LOQ
CBGA	8.00E-5	0.002		<LOQ
CBDV	6.50E-5	0.002		<LOQ
CBDA	1.00E-5	0.002		<LOQ
THCV	7.00E-6	0.002		<LOQ

Potency Summary

Total Delta 8 3.003%	-	Total Delta 10 None Detected
Total THC None Detected	-	Total CBD None Detected
Total CBG 2.463%	-	Total CBN None Detected
Other Cannabinoids None Detected	-	Total Cannabinoids 5.466%

Summary Results determined from two distinct Potency Tests - Delta 8/Delta 10 Potency 12 + Potency 10

Mycotoxins

Specimen Weight: 252.070 mg

Dilution Factor: 5.951

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	20	<LOQ
Aflatoxin B2	6	20	20	<LOQ
Aflatoxin G1	6	20	20	<LOQ

Passed

SOP13.007 (LCMS)

Pathogenic SAE (qPCR)

Specimen Weight: 223.510 mg

Dilution Factor: 1.000

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

Passed

SOP13.010 (qPCR)

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = 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, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 10%

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Compliance TestSOUTH TIP, LLC
21400 SW 392ND ST
HOMESTEAD, FL 33034Batch # 05172022CBGD8
Batch Date: 2022-05-17
Extracted From: HEMPSampling Method: MSP 7.3.1
Test Reg State: FloridaProduction Facility: SOUTH TIP, LLC
Production Date: 2022-05-17Order # SOU220517-010001
Order Date: 2022-05-17
Sample # AACV383Sampling Date: 2022-05-23
Lab Batch Date: 2022-05-23
Completion Date: 2022-05-26Initial Gross Weight: 29.144 g
Density: 0.986 g/ml

Pesticides FL V4

Specimen Weight: 252.070 mg

Passed

SOP13.007
(LCMS/GCMS)

Listeria Monocytogenes

Specimen Weight: 971.950 mg

Passed

SOP13.010
(qPCR)

Dilution Factor: 5.951

Analyte	LOD (ppb)	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
Chlomequat 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

Dilution Factor: 1.000

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

Xueli Gao
Lab Toxicologist
Ph.D., DABTAixia Sun
Lab Director/Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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Residual Solvents - FL (CBD)

Passed

Specimen Weight: 245.400 mg

SOP13.039 (GCMS)

Dilution Factor: 50.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloroethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	67.541	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					



Heavy Metals

Passed

Specimen Weight: 245.830 mg

SOP13.048 (ICP-MS)

Dilution Factor: 203

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	1500	<LOQ	Lead (Pb)	11.76	100	500	<LOQ
Cadmium (Cd)	.64	100	500	<LOQ	Mercury (Hg)	.58	100	3000	<LOQ

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