ACS LABORATORY | BEYOND COMPLIANCE
721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

TESTED SAFE CERTIFIED HEMP FLOWER

SMAKD THCP 2G MOONROCK PREROLL 2CT LUNAR LAGOON SATIVA
Sample Matrix: CBD/HEMP Flower & Plants (Inhalation - Heated)

Certificate of Analysis

Compliance Test

Client Information:
TERP NATION LLC
2500 S PARK ROAD
BAY#3
PEMBROKE PARK, FL 33009

Batch # 042125MPLL
Batch Date: 2025-04-21
Extracted From: HEMP

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ132

Sampling Date: 2025-04-24
Lab Batch Date: 2025-04-24
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.100 g

Number of Units: 1
Net Weight per Unit: 2000.000 mg
Sampling Method: MSP 7.3.1

Statement of Amendment: Updated Pesticides

Product Image

Potency	Tested	HHCP	HHCP Tested	Pathogenic Microbiology	Passed	Heavy Metals	Passed	Mycotoxins	Passed
Pesticides	Passed	Residual Solvents	Passed	Microbiology (qPCR)	Passed	Filth and Foreign	Passed		

Potency (LCUV) (GA) + Potency 25 (LCUV) — Tested

SOP13.001 (LCUV)

Specimen Weight: 1545.130 mg

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)
Delta9-THCP	1500.000	1.17E-5	0.01	61.1900	6.1190
Delta-8 THC	15.000	2.60E-5	0.0125	60.4200	6.0420
CBGA	15.000	8.00E-5	0.0125	58.3200	5.8320
CBG	15.000	2.48E-4	0.0125	8.0000	0.8000
Delta-8 THCV	150.000	4.00E-5	0.0125	2.1590	0.2159
CBCA	150.000	1.07E-4	0.0125	1.5860	0.1586
CBC	15.000	2.76E-5	0.075	1.0100	0.1010
CBDA	15.000	1.00E-5	0.0125	0.9800	0.0980
CBT	15.000	2.00E-4	0.0125	0.5490	0.0549
CBN	15.000	1.40E-5	0.0125	0.3900	0.0390
THCA-A	15.000	3.20E-5	0.0125	0.3700	0.0370
Delta8-THCP	15.000	3.75E-4	0.0125	0.3580	0.0358
CBD	15.000	5.40E-5	0.0125	0.3100	0.0310
CBL	15.000	3.50E-5	0.0125	0.1797	0.0180
Delta-10 THC	15.000	3.00E-6	0.0125	<LOQ	<LOQ
Delta-9 THC	1500.000	2.80E-4	0.075	<LOQ	<LOQ
Delta-9 THC-O Acetate	15.000	7.70E-5	0.025	<LOQ	<LOQ
Exo-THC	15.000	2.30E-4	0.0125	<LOQ	<LOQ
CBDV	15.000	6.50E-5	0.0125	<LOQ	<LOQ
CBDVA	15.000	1.40E-5	0.0125	<LOQ	<LOQ
CBNA	15.000	9.50E-5	0.0125	<LOQ	<LOQ
Delta-8 THC-O Acetate	15.000	2.70E-5	0.025	<LOQ	<LOQ
THCB	15.000	1.80E-4	0.0163	<LOQ	<LOQ
THCH	15.000	3.50E-4	0.0163	<LOQ	<LOQ
THCV	15.000	7.00E-6	0.0125	<LOQ	<LOQ
THCVA	15.000	4.70E-5	0.0125	<LOQ	<LOQ
Total Active CBD	15.000			1.169	0.117
Total Active THC	15.000			0.324	0.032

Potency Summary

Total HHC: - None Detected	Total Active THC: 0.032% 0.64 mg
Total Active CBD: 0.117% 2.34 mg	Total CBG: 5.920% 118.4 mg
Total CBN: 0.039% 0.78 mg	Total Cannabinoids: 19.582% 391.644 mg

Summary Results determined from two distinct Potency Tests - **Potency (LCUV) (GA) + Potency 25 (LCUV)**

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

ACCREDITED CERT #6786.01 — DEA REGISTERED LABORATORY #RA0571996 — AHCA

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 THCV = 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, The results apply to the sample as received. Revised report-see statement of amendment above.

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QA By: 1150 on 2025-07-15 13:58:40 V2

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TESTED SAFE CERTIFIED HEMP FLOWER

SMAKD THCP 2G MOONROCK PREROLL 2CT LUNAR LAGOON SATIVA
Sample Matrix: CBD/HEMP Flower & Plants (Inhalation - Heated)

Certificate of Analysis

Compliance Test

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2500 S PARK ROAD
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PEMBROKE PARK, FL 33009

Batch # 042125MPLL
Batch Date: 2025-04-21
Extracted From: HEMP

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ132

Sampling Date: 2025-04-24
Lab Batch Date: 2025-04-24
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.100 g

Number of Units: 1
Net Weight per Unit: 2000.000 mg
Sampling Method: MSP 7.3.1

PCR Total Yeast and Mold

Passed

Specimen Weight: 976.600 mg

SOP13.017 (qPCR)

Dilution Factor: 20.000

Analyte	Action Level (cfu/g)	LOQ (cfu/g)	Result (cfu/g)
Total Yeast/Mold	100000	1000	<LOQ

Prep. By: 1179	**Date:** 2025-04-25 13:43:08	**Analyzed By:** 1179	**Date:** 2025-04-25 13:43:08
Reviewed By: 1225	**Date:** 2025-04-26 14:30:39	**Lab Batch #:** AAGQ132-218	**Date:** 2025-04-26 14:30:39

Microbiology Pathogenic AE qPCR - (GA)

Passed

Specimen Weight: 1030.100 mg

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	Passed	STEC	1	Passed

Filth and Foreign Material - (GA)

Passed

Specimen Weight: N/A **Dilution Factor: 1.000**

SOP13.020 (Electronic Balance)

Analyte	Action Level (%)	Result (%)	Analyte	Action Level (%)	Result (%)
Covered Area	10	0.000	Weight %	1	0.000
Feces	0.5	0.000			

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

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Test Reg State: Georgia
Food Permit #: 420113

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Order Date: 2025-04-21
Sample # AAGQ132

Sampling Date: 2025-04-24
Lab Batch Date: 2025-04-24
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.100 g

Number of Units: 1
Net Weight per Unit: 2000.000 mg
Sampling Method: MSP 7.3.1

Heavy Metals

Passed

Specimen Weight: 248.800 mg

SOP13.048 (ICP-MS)

Dilution Factor: 200

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

Residual Solvents (GA-4)

Passed

Specimen Weight: 16.900 mg

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Butane	0.4167	53.6	800000	<LOQ	Heptane	0.0013	29.8	500000	<LOQ
Ethanol	0.0021	59.5	5000000	32815.110	Hexane	0.068	25	100000	<LOQ

Mycotoxins

Passed

Specimen Weight: 586.800 mg

SOP13.007 (LCMS)

Dilution Factor: 2.560

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	<LOQ	Ochratoxin A	7.5400E-1	3.8	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ					

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

Definitions are found on page 1

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Extracted From: HEMP

Test Reg State: Georgia
Food Permit #: 420113

Order # TER250421-150001
Order Date: 2025-04-21
Sample # AAGQ132

Sampling Date: 2025-04-24
Lab Batch Date: 2025-04-24
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.100 g

Number of Units: 1
Net Weight per Unit: 2000.000 mg
Sampling Method: MSP 7.3.1

HHCP HHCP

Tested

Specimen Weight: 1545.130 mg

SOP13.050 (LCMS)

Dilution Factor: 7500.000

Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)	Analyte	LOD (%)	LOQ (%)	Result (mg/g)	(%)
(9R)-HHC	3.6600E-6	0.075	**<LOQ**	<LOQ	CBC	2.760000E-5	0.075	**1.0100**	0.101
(9S)-HHC	6.6000E-6	0.075	**<LOQ**	<LOQ	Delta-8 THC methyl ether	2.480000E-4	0.075	**<LOQ**	<LOQ
(±)-9ß-hydroxy-HHC	7.7800E-6	0.075	**<LOQ**	<LOQ	Delta-9 THC	2.8000E-4	0.075	**<LOQ**	<LOQ
1(R)-H4-CBD	7.330000E-7	0.15	**<LOQ**	<LOQ	Delta-9 THC methyl ether	1.600000E-4	0.075	**<LOQ**	<LOQ
1(S)-H4-CBD	6.630000E-7	0.15	**<LOQ**	<LOQ	H2-CBD	1.440000E-7	0.075	**<LOQ**	<LOQ
9(R)-HHCP	3.0900E-5	0.075	**<LOQ**	<LOQ	Total HHC		0.075	**<LOQ**	<LOQ
9(S)-HHCP	2.5500E-5	0.075	**<LOQ**	<LOQ					

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

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Test Reg State: Georgia
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Order Date: 2025-04-21
Sample # AAGQ132

Sampling Date: 2025-04-24
Lab Batch Date: 2025-04-24
Orig. Completion Date: 2025-05-02

Initial Gross Weight: 31.100 g

Number of Units: 1
Net Weight per Unit: 2000.000 mg
Sampling Method: MSP 7.3.1

Pesticides - (GA)

Passed

Specimen Weight: 584.400 mg

SOP13.007 (LCMS)

Dilution Factor: 2.570

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	3.9900E-1	9	100	<LOQ	Fludioxonil	3.6000E-1	9.6	100	<LOQ
Acephate	1.4100E-1	9.6	100	<LOQ	Hexythiazox	1.1300E-1	9.6	100	<LOQ
Acequinocyl	2.1780E+0	9.6	100	<LOQ	Imazalil	2.5800E-1	9.6	100	<LOQ
Acetamiprid	1.4000E-1	9.6	100	<LOQ	Imidacloprid	4.0200E-1	9.6	100	<LOQ
Aldicarb	2.0300E-1	9.6	100	<LOQ	Kresoxim Methyl	1.8200E-1	9.6	100	<LOQ
Azoxystrobin	1.8800E-1	9.6	100	<LOQ	Malathion	2.2300E-1	9.6	100	<LOQ
Bifenazate	8.6000E-2	9.6	100	<LOQ	Metalaxyl	2.7000E-1	9.6	100	<LOQ
Bifenthrin	1.0000E-1	9.6	100	<LOQ	Methiocarb	1.1800E-1	9.6	100	<LOQ
Boscalid	5.9500E-1	9.6	100	<LOQ	Methomyl	6.4000E-2	9.6	100	<LOQ
Carbaryl	1.2200E-1	9.6	100	<LOQ	Mevinphos	9.3000E-2	9.6	100	<LOQ
Carbofuran	8.6000E-2	9.6	100	<LOQ	Myclobutanil	5.7300E-1	9.6	100	<LOQ
Chlorantraniliprole	8.4000E-2	9.6	100	<LOQ	Oxamyl	4.1000E-2	9.6	100	<LOQ
Chlordane	1.9000E+0	9.6	100	<LOQ	Paclobutrazol	1.8600E-1	9.6	100	<LOQ
Chlorpyrifos	1.0900E-1	9.6	100	<LOQ	Permethrin	6.2400E-1	9.6	100	<LOQ
Coumaphos	2.0600E-1	9.6	100	<LOQ	Phosmet	1.2700E-1	9.6	100	<LOQ
Cyfluthrin	9.8000E-1	9.6	100	<LOQ	Piperonylbutoxide	1.4900E-1	9.6	100	<LOQ
Cypermethrin	9.8500E-1	9.6	100	<LOQ	Prallethrin	1.4760E+0	9.6	100	<LOQ
Daminozide	1.6550E+0	9.6	100	<LOQ	Propiconazole	2.9400E-1	9.6	100	<LOQ
Diazinon	2.1200E-1	9.6	100	<LOQ	Propoxur	1.0000E-1	9.6	100	<LOQ
Dichlorvos	1.1300E+0	9.6	100	<LOQ	Pyridaben	1.4000E-1	9.6	100	<LOQ
Dimethoate	6.3000E-2	9.6	100	<LOQ	Spinetoram	4.2400E-1	9.6	100	<LOQ
Dimethomorph	2.5810E+0	9.6	100	<LOQ	Spiromesifen	1.2000E-1	9.6	100	<LOQ
Ethoprophos	1.5100E-1	9.6	100	<LOQ	Spirotetramat	2.1100E-1	9.6	100	<LOQ
Etofenprox	1.7200E-1	9.6	100	<LOQ	Spiroxamine	5.3300E-1	9.6	100	<LOQ
Etoxazole	8.6600E-1	9.6	100	<LOQ	Tebuconazole	2.3000E-1	9.6	100	<LOQ
Fenhexamid	5.8800E-1	9.6	100	<LOQ	Thiacloprid	1.7000E-1	9.6	100	<LOQ
Fenoxycarb	2.7400E-1	9.6	100	<LOQ	Thiamethoxam	1.7900E-1	9.6	100	<LOQ
Fipronil	3.1700E-1	9.6	100	<LOQ	Trifloxystrobin	1.3400E-1	9.6	100	<LOQ
Flonicamid	4.6600E-1	9.6	100	<LOQ					

Aixia Sun Lab Director/Principal Scientist
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721 Cortaro Dr.
Sun City Center, FL 33573
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FL License # CMTL-0003

TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP MOONROCK PREROLL 2G
LUNAR LAGOON SATIVA
Sample Matrix:
HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Manufacturing Facility:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Batch Data:
Batch # 042125MPLL
Batch Date: 2025-12-11
Extracted From: HEMP

Order Details:
Test Reg State: Florida

Food Permits:
Food Permit #: 420113

Order #
TER251211-180001
Order Date: 2025-12-11
Sample # AAHG737

Sampling Date: 2025-12-16
Lab Batch Date: 2025-12-16
Completion Date: 2025-12-23

Initial Gross Weight: 29.400 g
Net Weight: 4.000 g

Net Weight per Package:
4000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
2

Product Image

Potency Tested	Heavy Metals Passed	2 3-Butanedione Passed	Mycotoxins Passed	Pesticides Passed
Residual Solvents Passed	Water Activity Tested	Pathogenic Microbiology Passed	Microbiology (qPCR) Passed	Vitamin E Passed

Potency Summary

Delta 9 THC	<LOQ
per Serving	0.00 mg
per Package	0.00 mg

Total Active CBD	<LOQ
per Serving	0.00 mg
per Package	0.00 mg

Total CBG	7.79%
per Serving	156 mg
per Package	312 mg

Total CBN	0.145%
per Serving	2.91 mg
per Package	5.81 mg

Total Cannabinoids	22.1%
per Serving	443 mg
per Package	886 mg

Total Active THC	0.0158%
per Serving	0.316 mg
per Package	0.632 mg

Total DELTA9-THCP	6.55%
per Serving	131 mg
per Package	262 mg

Aixia Sun Lab Director/Principal Scientist
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ACCREDITED CERT #6786.01

DEA REGISTERED LABORATORY #RA0571996

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QA By: 1057 on 2025-12-23 18:18:29 V1

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LUNAR LAGOON SATIVA
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Flower
Inhalation

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2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Manufacturing Facility:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Batch Data:
Batch # 042125MPLL
Batch Date: 2025-12-11
Extracted From: HEMP

Order Details:
Test Reg State: Florida

Food Permits:
Food Permit #: 420113

Order #
TER251211-180001
Order Date: 2025-12-11
Sample # AAHG737

Sampling Date: 2025-12-16
Lab Batch Date: 2025-12-16
Completion Date: 2025-12-23

Initial Gross Weight: 29.400 g
Net Weight: 4.000 g

Net Weight per Package:
4000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
2

Potency 25 (LCUV)

Tested

SOP13.001 (LCUV)

Specimen Weight: 1766.350 mg

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
CBGA	150.000	8.000000E-5	0.0125	83.2	8.32	166	333
Delta9-THCP	150.000	1.170000E-5	0.01	65.5	6.55	131	262
Delta-8 THC	150.000	2.600000E-5	0.0125	58.6	5.86	117	234
CBG	150.000	2.480000E-4	0.0125	4.89	0.489	9.78	19.6
CBCA	150.000	1.070000E-4	0.0125	2.52	0.252	5.04	10.1
CBC	150.000	1.800000E-5	0.0125	1.94	0.194	3.88	7.76
Delta8-THCP	150.000	3.750000E-4	0.0125	1.09	0.109	2.18	4.36
CBNA	150.000	9.500000E-5	0.0125	0.940	0.0940	1.88	3.76
Delta-8 THCV	150.000	4.000000E-5	0.0125	0.930	0.0930	1.86	3.72
CBL	150.000	3.500000E-5	0.0125	0.700	0.0700	1.40	2.80
CBN	150.000	1.400000E-5	0.0125	0.630	0.0630	1.26	2.52
CBT	150.000	2.000000E-4	0.0125	0.400	0.0400	0.800	1.60
THCA-A	150.000	3.200000E-5	0.0125	0.180	0.0180	0.360	0.720
CBD	150.000	5.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDA	150.000	1.000000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDV	150.000	6.500000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
CBDVA	150.000	1.400000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-8 THC-O Acetate	150.000	2.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Delta-9 THC	150.000	1.300000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Delta-9 THC-O Acetate	150.000	7.700000E-5	0.025	<LOQ	<LOQ	0.00	0.00
Exo-THC	150.000	2.300000E-4	0.0125	<LOQ	<LOQ	0.00	0.00
THCB	150.000	1.800000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCH	150.000	3.500000E-4	0.0163	<LOQ	<LOQ	0.00	0.00
THCV	150.000	7.000000E-6	0.0125	<LOQ	<LOQ	0.00	0.00
THCVA	150.000	4.700000E-5	0.0125	<LOQ	<LOQ	0.00	0.00
Total Active THC	150.000			0.158	0.0158	0.316	0.632
Total Active CBD	150.000			<LOQ	<LOQ	0.00	0.00

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

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ACCREDITED CERT #6786.01
DEA REGISTERED LABORATORY #RA0571996

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721 Cortaro Dr.
Sun City Center, FL 33573
www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP MOONROCK PREROLL 2G
LUNAR LAGOON SATIVA
Sample Matrix:
HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL
33009

Manufacturing Facility:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Batch Data:
Batch # 042125MPLL
Batch Date: 2025-12-11
Extracted From: HEMP

Order Details:
Test Reg State: Florida

Food Permits:
Food Permit #: 420113

Order #
TER251211-180001
Order Date: 2025-12-11
Sample # AAHG737

Sampling Date: 2025-12-16
Lab Batch Date: 2025-12-16
Completion Date: 2025-12-23

Initial Gross Weight: 29.400 g
Net Weight: 4.000 g

Net Weight per Package:
4000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
2

2,3-butanedione(Diacetyl) Florida

Passed

Specimen Weight: 17.300 mg

SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
2,3-Butanedione	0.000	0.2	<LOQ

Water Activity Florida

Tested

Specimen Weight: 0.500 g

SOP13.016 (Water Activity Analyzer)

Dilution Factor: 1.000

Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.524

Total Yeast and Mold

Passed

Specimen Weight: 990.400 mg

SOP13.017 (qPCR)

Dilution Factor: 20.000

Analyte	LOQ (cfu/g)	Action Level (cfu/g)	Result (cfu/g)
Total Yeast/Mold	1000	100000	<LOQ

Pathogenic Microbiology SAE (MicroArray)

Passed

Specimen Weight: 1016.000 mg

SOP13.019 (Micro Array)

Dilution Factor: 1.000

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

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

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www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP MOONROCK PREROLL 2G
LUNAR LAGOON SATIVA
Sample Matrix: HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Manufacturing Facility:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Batch Data:
Batch # 042125MPLL
Batch Date: 2025-12-11
Extracted From: HEMP

Order Details:
Test Reg State: Florida

Food Permits:
Food Permit #: 420113

Order # TER251211-180001
Order Date: 2025-12-11
Sample # AAHG737

Sampling Date: 2025-12-16
Lab Batch Date: 2025-12-16
Completion Date: 2025-12-23

Initial Gross Weight: 29.400 g
Net Weight: 4.000 g

Net Weight per Package: 4000.000 mg
Sampling Method: MSP 7.3.1

Net Weight per Serving: 2000 mg
Servings Per Package: 2

Vitamin E (Tocopheryl Acetate)

Passed

Specimen Weight: 609.670 mg

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Tocopheryl Acetate (Vitamin E Acetate)	0.705	500	500	<LOQ

Heavy Metals Florida

Passed

Specimen Weight: 252.200 mg

SOP13.048 (ICP-MS)

Dilution Factor: 198.255

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	0.013	100	200	<LOQ	Lead (Pb)	0.007	100	500	<LOQ
Cadmium (Cd)	0.003	100	200	180	Mercury (Hg)	0.016	100	200	<LOQ

Mycotoxins FL

Passed

Specimen Weight: 609.670 mg

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	0.304	4.9	20	<LOQ	Aflatoxin G2	0.271	4.9	20	<LOQ
Aflatoxin B2	0.077	4.9	20	<LOQ	Ochratoxin A	0.754	9.8	20	<LOQ
Aflatoxin G1	0.304	4.9	20	<LOQ					

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

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www.acslab.com
DEA No. RA0571996
FL License # CMTL-0003

TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP MOONROCK PREROLL 2G
LUNAR LAGOON SATIVA
Sample Matrix:
HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL
33009

Manufacturing Facility:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Batch Data:
Batch # 042125MPLL
Batch Date: 2025-12-11
Extracted From: HEMP

Order Details:
Test Reg State: Florida

Food Permits:
Food Permit #: 420113

Order #
TER251211-180001
Order Date: 2025-12-11
Sample # AAHG737

Sampling Date: 2025-12-16
Lab Batch Date: 2025-12-16
Completion Date: 2025-12-23

Initial Gross Weight: 29.400 g
Net Weight: 4.000 g

Net Weight per Package:
4000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:
2000 mg
Servings Per Package:
2

Residual Solvents - FL (CBD)

Specimen Weight: 17.300 mg

Passed
SOP13.039 (GCMS-HS)

Dilution Factor: 1.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.009	1.6	8	<LOQ	Heptane	0.001	13.9	5000	<LOQ
1,2-Dichloroethane	0.000	0.4	2	<LOQ	Hexane	0.068	11.7	250	<LOQ
Acetone	0.015	20.8	750	<LOQ	Isopropyl alcohol	0.005	13.9	500	29.6
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	18.3
Benzene	0.000	0.2	1	<LOQ	Methylene chloride	0.003	24.3	125	<LOQ
Butanes	0.417	25	5000	<LOQ	Pentane	0.037	20.8	750	<LOQ
Chloroform	0.000	0.4	2	<LOQ	Propane	0.031	58.3	5000	<LOQ
Ethanol	0.002	27.8	5000	98.7	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	<LOQ	Total Xylenes	0.000	29.2	150	<LOQ
Ethyl Ether	0.005	13.9	500	<LOQ	Trichloroethylene	0.001	4.9	25	<LOQ
Ethylene Oxide	0.004	1	5	<LOQ					

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DEA No. RA0571996
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TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP MOONROCK PREROLL 2G
LUNAR LAGOON SATIVA
Sample Matrix: HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Manufacturing Facility:
TERP NATION LLC
2500 S PARK ROAD
BAY#1
PEMBROKE PARK, FL 33009

Batch Data:
Batch # 042125MPLL
Batch Date: 2025-12-11
Extracted From: HEMP

Order Details:
Test Reg State: Florida

Food Permits:
Food Permit #: 420113

Order # TER251211-180001
Order Date: 2025-12-11
Sample # AAHG737

Sampling Date: 2025-12-16
Lab Batch Date: 2025-12-16
Completion Date: 2025-12-23

Initial Gross Weight: 29.400 g
Net Weight: 4.000 g

Net Weight per Package: 4000.000 mg
Sampling Method: MSP 7.3.1

Net Weight per Serving: 2000 mg
Servings Per Package: 2

Pesticides

Passed

Specimen Weight: 609.670 mg

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.460

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	0.288	28.23	100	<LOQ	Fludioxonil	1.740	48	100	<LOQ
Acephate	0.023	30	100	<LOQ	Hexythiazox	0.049	30	100	<LOQ
Acequinocyl	9.564	48	100	<LOQ	Imazalil	0.248	30	100	<LOQ
Acetamiprid	0.052	30	100	<LOQ	Imidacloprid	0.094	30	400	<LOQ
Aldicarb	0.026	30	100	<LOQ	Kresoxim Methyl	0.042	30	100	<LOQ
Azoxystrobin	0.081	10	100	<LOQ	Malathion	0.082	30	200	<LOQ
Bifenazate	1.415	30	100	<LOQ	Metalaxyl	0.081	10	100	<LOQ
Bifenthrin	0.043	30	200	<LOQ	Methiocarb	0.032	30	100	<LOQ
Boscalid	0.055	10	100	<LOQ	Methomyl	0.022	30	100	<LOQ
Captan	6.120	30	700	<LOQ	methyl-Parathion	1.710	10	100	<LOQ
Carbaryl	0.022	10	500	<LOQ	Mevinphos	2.150	10	100	<LOQ
Carbofuran	0.034	10	100	<LOQ	MGK-264	0.585	10	100	<LOQ
Chlorantraniliprole	0.033	10	1000	<LOQ	Myclobutanil	1.029	30	100	<LOQ
Chlordane	10.000	10	100	<LOQ	Naled	0.095	30	250	<LOQ
Chlorfenapyr	0.034	30	100	<LOQ	Oxamyl	0.025	30	500	<LOQ
Chlormequat Chloride	0.108	10	1000	<LOQ	Paclobutrazol	0.065	30	100	<LOQ
Chlorpyrifos	0.035	30	100	<LOQ	Pentachloronitrobenzene	1.320	10	150	<LOQ
Clofentezine	0.119	30	200	<LOQ	Permethrin	0.343	30	100	<LOQ
Coumaphos	3.770	48	100	<LOQ	Phosmet	0.082	30	100	<LOQ
Cyfluthrin	3.110	30	500	<LOQ	Piperonylbutoxide	0.029	30	3000	<LOQ
Cypermethrin	1.449	30	500	<LOQ	Prallethrin	0.798	30	100	<LOQ
Daminozide	0.885	30	100	<LOQ	Propiconazole	0.070	30	100	<LOQ
Diazinon	0.044	30	100	<LOQ	Propoxur	0.046	30	100	<LOQ
Dichlorvos	2.182	30	100	<LOQ	Pyrethrins	23.593	30	500	<LOQ
Dimethoate	0.021	30	100	<LOQ	Pyridaben	0.032	30	200	<LOQ
Dimethomorph	5.830	48	200	<LOQ	Spinetoram	0.080	10	200	<LOQ
Ethoprophos	0.360	30	100	<LOQ	Spinosad	0.088	30	100	<LOQ
Etofenprox	0.116	30	100	<LOQ	Spiromesifen	0.261	30	100	<LOQ
Etoxazole	0.095	30	100	<LOQ	Spirotetramat	0.089	30	100	<LOQ
Fenhexamid	0.510	10	100	<LOQ	Spiroxamine	0.131	30	100	<LOQ
Fenoxycarb	0.107	30	100	<LOQ	Tebuconazole	0.067	30	100	<LOQ
Fenpyroximate	0.138	30	100	<LOQ	Thiacloprid	0.064	30	100	<LOQ
Fipronil	0.107	30	100	<LOQ	Thiamethoxam	0.050	30	500	<LOQ
Flonicamid	0.517	30	100	<LOQ	Trifloxystrobin	0.037	30	100	<LOQ

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