



Certificate of Analysis

Compliance Test

Client Information:

GM TOBACCO INC
40722 DAILY ROAD
FALLBROOK, CALIFORNIA 92028
License #

Manufacturing Facility:

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

Batch Data:

Batch # 111225LK
Batch Date: 2025-12-15
Extracted From: HEMP

Order Details:

Test Reg State: Florida

Food Permits:

Food Permit #: 420113

Order

TER251215-030001
Order Date: 2025-12-15
Sample # AAHG914

Sampling Date: 2025-12-17

Lab Batch Date: 2025-12-17
Completion Date: 2025-12-23

Initial Gross Weight: 30.200 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

2500 mg
Servings Per Package:
8

Product Image

Potency
TestedHeavy Metals
Passed2,3-Butanedione
PassedMycotoxins
PassedPesticides
PassedResidual Solvents
PassedWater Activity
TestedPathogenic Microbiology
PassedMicrobiology (qPCR)
PassedVitamin E
Passed

Potency Summary

Delta 9 THC	0.312%	Total Active CBD	1.78%
per Serving	7.80 mg	per Serving	44.5 mg
per Package	62.4 mg	per Package	356 mg
Total CBG	8.83%	Total CBN	<LOQ
per Serving	221 mg	per Serving	0.00 mg
per Package	1770 mg	per Package	0.00 mg
Total Cannabinoids	32.4%	Total Active THC	18.0%
per Serving	809 mg	per Serving	449 mg
per Package	6470 mg	per Package	3590 mg
Total THCA-A	20.1%		
per Serving	503 mg		
per Package	4030 mg		

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

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. 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 The results apply to the sample as received.

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Sample # AAHG914

Sampling Date: 2025-12-17

Lab Batch Date: 2025-12-17
Completion Date: 2025-12-23

Initial Gross Weight: 30.200 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

2500 mg
Servings Per Package:
8



Potency 11 (LCUV)

Specimen Weight: 209.540 mg

Tested

SOP13.001 (LCUV)

Pieces For Panel: 8

Analyte	Dilution (1:n)	LOD (mg/g)	LOQ (%)	Result (mg/g)	(%)	Per Serving (mg)	Per Package (mg)
THCA-A	15.000	3.20E-5	0.015	201	20.1	503	4030
CBGA	15.000	8.00E-5	0.015	95.7	9.57	239	1910
CBD	15.000	5.40E-5	0.015	17.8	1.78	44.5	356
CBG	15.000	2.48E-4	0.015	4.24	0.424	10.6	84.8
Delta-9 THC	15.000	1.30E-5	0.015	3.12	0.312	7.80	62.4
CBC	15.000	1.80E-5	0.015	1.33	0.133	3.33	26.6
CBDA	15.000	1.00E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBDV	15.000	6.50E-5	0.015	<LOQ	<LOQ	0.00	0.00
CBN	15.000	1.40E-5	0.015	<LOQ	<LOQ	0.00	0.00
Delta-8 THC	15.000	2.60E-5	0.015	<LOQ	<LOQ	0.00	0.00
THCV	15.000	7.00E-6	0.015	<LOQ	<LOQ	0.00	0.00
Total Active THC	15.000			180	18.0	449	3590
Total Active CBD	15.000			17.8	1.78	44.5	356

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



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Order Details:

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Food Permits:

Food Permit #: 420113

Order

TER251215-030001
Order Date: 2025-12-15
Sample # AAHG914

Sampling Date: 2025-12-17

Lab Batch Date: 2025-12-17
Completion Date: 2025-12-23

Initial Gross Weight: 30.200 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

2500 mg
Servings Per Package:
8



2,3-butanedione(Diacetyl) Florida

Specimen Weight: 17.300 mg

Dilution Factor: 1.000

Passed
SOP13.039 (GCMS-HS)

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



Water Activity Florida

Specimen Weight: 0.500 g

Dilution Factor: 1.000

Tested

SOP13.016 (Water Activity Analyzer)

Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.547



Total Yeast and Mold

Specimen Weight: 1026.300 mg

Dilution Factor: 20.000

Passed
SOP13.017 (qPCR)

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



Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1046.900 mg

Dilution Factor: 1.000

Passed
SOP13.019 (Micro Array)

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		

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Order Date: 2025-12-15
Sample # AAHG914

Sampling Date: 2025-12-17

Lab Batch Date: 2025-12-17
Completion Date: 2025-12-23

Initial Gross Weight: 30.200 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

2500 mg
Servings Per Package:
8

Vitamin E (Tocopheryl Acetate)

Specimen Weight: 605.200 mg

Dilution Factor: 2.480

Passed

SOP13.007 (LCMS/GCMS)

Analyte

Tocopheryl Acetate (Vitamin E Acetate)

LOD
(ppb)
0.705LOQ
(ppb)
500Action Level
(ppb)
500Result
(ppb)
<LOQ

Heavy Metals Florida

Specimen Weight: 249.900 mg

Dilution Factor: 200.080

Passed

SOP13.048 (ICP-MS)

Analyte

Arsenic (As)
Cadmium (Cd)LOD
(ppb)
0.013
0.003LOQ
(ppb)
100
100Action Level
(ppb)
200
200Result
(ppb)
<LOQ
187Analyte
Lead (Pb)
Mercury (Hg)LOD
(ppb)
0.007
0.016LOQ
(ppb)
100
100Action Level
(ppb)
500
200Result
(ppb)
<LOQ
<LOQ

Mycotoxins FL

Specimen Weight: 605.200 mg

Dilution Factor: 2.480

Passed

SOP13.007 (LCMS/GCMS)

Analyte

Aflatoxin B1
Aflatoxin B2
Aflatoxin G1LOD
(ppb)
0.304
0.077
0.304LOQ
(ppb)
4.9
4.9
4.9Action Level
(ppb)
20
20
20Result
(ppb)
<LOQ
<LOQ
<LOQAnalyte
Aflatoxin G2
Ochratoxin ALOD
(ppb)
0.271
0.754LOQ
(ppb)
4.9
9.8Action Level
(ppb)
20
20Result
(ppb)
<LOQ
<LOQ
<LOQ
Aixa Sun Lab Director/Principal Scientist
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Order Date: 2025-12-15
Sample # AAHG914

Sampling Date: 2025-12-17

Lab Batch Date: 2025-12-17
Completion Date: 2025-12-23

Initial Gross Weight: 30.200 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

2500 mg
Servings Per Package:
8

Residual Solvents - FL (CBD)

Specimen Weight: 17.300 mg

Dilution Factor: 1.000

Passed

SOP13.039 (GCMS-HS)

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	<LOQ
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	14.6
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	<LOQ	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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Sample # AAHG914

Sampling Date: 2025-12-17

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Completion Date: 2025-12-23

Initial Gross Weight: 30.200 g

Net Weight: 20.000 g

Net Weight per Package:

20000.000 mg
Sampling Method:
MSP 7.3.1

Net Weight per Serving:

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Servings Per Package:
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Pesticides					Passed				
Specimen Weight: 605.200 mg					SOP13.007 (LCMS/GCMS)				
Dilution Factor: 2.480									
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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