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

SMAK'D THCP PREROLL 2G PLUTO'S PUFF HYBRID
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 # 042125PPP
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 # AAHG730

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

Initial Gross Weight: 29.000 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**	**Total Active CBD**	**<LOQ**
per Serving	0.00 mg	per Serving	0.00 mg
per Package	0.00 mg	per Package	0.00 mg
Total CBG	**8.58%**	**Total CBN**	**0.149%**
per Serving	172 mg	per Serving	2.98 mg
per Package	343 mg	per Package	5.96 mg
Total Cannabinoids	**23.6%**	**Total Active THC**	**0.0167%**
per Serving	471 mg	per Serving	0.334 mg
per Package	943 mg	per Package	0.668 mg
Total DELTA9-THCP	**6.70%**		
per Serving	134 mg		
per Package	268 mg		

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

ACCREDITED CERT #6786.01
DEA REGISTERED LABORATORY #RA0571996

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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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 # AAHG730

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

Initial Gross Weight: 29.000 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)

Specimen Weight: 1727.600 mg

Tested

SOP13.001 (LCUV)

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	91.8	9.18	184	367
Delta9-THCP	150.000	1.170000E-5	0.01	67.0	6.70	134	268
Delta-8 THC	150.000	2.600000E-5	0.0125	62.0	6.20	124	248
CBG	150.000	2.480000E-4	0.0125	5.25	0.525	10.5	21.0
CBCA	150.000	1.070000E-4	0.0125	2.55	0.255	5.10	10.2
CBC	150.000	1.800000E-5	0.0125	2.07	0.207	4.14	8.28
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	0.960	0.0960	1.92	3.84
Delta-8 THCV	150.000	4.000000E-5	0.0125	0.960	0.0960	1.92	3.84
CBL	150.000	3.500000E-5	0.0125	0.720	0.0720	1.44	2.88
CBN	150.000	1.400000E-5	0.0125	0.650	0.0650	1.30	2.60
CBT	150.000	2.000000E-4	0.0125	0.390	0.0390	0.780	1.56
THCA-A	150.000	3.200000E-5	0.0125	0.190	0.0190	0.380	0.760
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			0.167	0.0167	0.333	0.666
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)

Definitions are found on page 1

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Flower
Inhalation

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Batch Data:
Batch # 042125PPP
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 # AAHG730

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

Initial Gross Weight: 29.000 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

Specimen Weight: 16.000 mg

Passed
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

Specimen Weight: 0.500 g

Tested
SOP13.016 (Water Activity Analyzer)

Dilution Factor: 1.000

Analyte	Acceptable Range (aw)	Result (aw)
Water Activity	.55 - .65	0.486

Total Yeast and Mold

Specimen Weight: 991.200 mg

Passed
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)

Specimen Weight: 1025.600 mg

Passed
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		

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TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP PREROLL 2G PLUTO'S PUFF HYBRID
Sample Matrix: HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
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PEMBROKE PARK, FL 33009

Manufacturing Facility:
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BAY#1
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Batch Data:
Batch # 042125PPP
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 # AAHG730

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

Initial Gross Weight: 29.000 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)

Specimen Weight: 601.500 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.490

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

Heavy Metals Florida

Specimen Weight: 253.400 mg

Passed
SOP13.048 (ICP-MS)

Dilution Factor: 197.316

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	137	Mercury (Hg)	0.016	100	200	<LOQ

Mycotoxins FL

Specimen Weight: 601.500 mg

Passed
SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.490

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					

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TESTED SAFE CERTIFIED HEMP FLOWER

SMAK'D THCP PREROLL 2G PLUTO'S PUFF HYBRID
Sample Matrix: HEMP
Flower
Inhalation

Certificate of Analysis

Compliance Test

Client Information:
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Batch Data:
Batch # 042125PPP
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 # AAHG730

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

Initial Gross Weight: 29.000 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: 3.000 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	30.9
Acetonitrile	0.060	11.7	60	<LOQ	Methanol	0.001	6.9	250	15.5
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	235	Toluene	0.001	29.2	150	<LOQ
Ethyl Acetate	0.001	11.1	400	11.3	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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Order Date: 2025-12-11
Sample # AAHG730

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

Initial Gross Weight: 29.000 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

Specimen Weight: 601.500 mg

Passed

SOP13.007 (LCMS/GCMS)

Dilution Factor: 2.490

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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