

VP0051-AG

BioTrack Lot ID: 0924 4342 5115 0876

Sample ID: 2411ANSCT0086.0514 Completed: 12/04/2024

Strain: Motorbreath Expiration: 12/04/2025

Concentrates & Extracts, Vape, Motorbreath Vape, ,

Client

Affinity Grow

Lic. # ACME.0008473

47 Lower Main St

Portland, CT 06480

Sample Size: 30 g

COC #: 2411ANSCT0086; Number of Servings: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	11/26/2024	Complete
Terpenes	11/27/2024	Complete
Residual Solvents	11/26/2024	Pass
Microbials	11/26/2024	Pass
Mycotoxins	11/26/2024	Pass
Pesticides	11/26/2024	Complete
Heavy Metals	12/02/2024	Pass

Cannabinoids

Complete

73.72%	3.80%	82.85%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00003	0.00010	ND	ND	
Δ9-THC	0.00003	0.00010	73.720	737.200	
Δ8-THC	0.00005	0.00010	ND	ND	
THCVa	0.00001	0.00010	ND	ND	
THCV	0.00003	0.00010	1.440	14.400	
CBDa	0.00002	0.00010	ND	ND	
CBD	0.00002	0.00010	3.800	38.000	
CBDVa	0.00001	0.00010	ND	ND	
CBDV	0.00001	0.00010	ND	ND	
CBNa	0.00007	0.00010	ND	ND	
CBN	0.00002	0.00010	ND	ND	
CBGa	0.00003	0.00010	ND	ND	
CBG	0.00004	0.00010	2.780	27.800	
CBCa	0.00006	0.00010	ND	ND	
CBC	0.00004	0.00010	1.110	11.100	
CBL	0.00007	0.00010	ND	ND	
CBT	0.00003	0.00010	ND	ND	
Total Available THC			73.718	737.183	
Total Active THC			73.718	737.183	
Total Available CBD			3.799	37.992	
Total Active CBD			3.799	37.992	
Total Available Cannabinoids			82.849	828.490	
Total Active Cannabinoids			82.849	828.490	

Entered by: 5; Instrument ID: 1; Date Tested: 11/26/2024;

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCa. Total Active THC = Δ9-THC + (THCa0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCa0.877+ d9 THC+ d8 THC+ THCVa0.867+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVA 0.867+ CBNA0.876+ CBN + CBGA0.878+ CBG + CBCA*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.




Ryan Picard
Lab Director
12/04/2024

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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
β-Pinene		0.00002	0.0005	1.25	12.486	
p-Cymene		0.00003	0.0005	1.17	11.731	
β-Caryophyllene		0.00003	0.0005	0.86	8.588	
α-Humulene		0.00003	0.0005	0.31	3.085	
Fenchone		0.00002	0.0005	0.25	2.460	
α-Pinene		0.00004	0.0005	0.23	2.350	
α-Phellandrene		0.00003	0.0005	0.21	2.074	
Valencene		0.00002	0.0005	0.19	1.923	
β-Farnesene		0.00010	0.0005	0.15	1.462	
Sabinene Hydrate		0.00001	0.0005	0.09	0.916	
α-Cedrene		0.00002	0.0004	0.06	0.630	
2-Piperidone		0.00003	0.0005	ND	ND	
3-Carene		0.00003	0.0005	ND	ND	
α-Bisabolol		0.00007	0.0005	ND	ND	
α-Terpinene		0.00002	0.0005	ND	ND	
α-Terpineol		0.00004	0.0005	ND	ND	
alpha-Thujone		0.00002	0.0005	ND	ND	
β-Cedrene		0.00012	0.0001	ND	ND	
β-Myrcene		0.00004	0.0005	ND	ND	
Borneol		0.00002	0.0005	ND	ND	
Camphene		0.00007	0.0005	ND	ND	
Camphor		0.00001	0.0005	ND	ND	
Carvacrol		0.00013	0.0005	ND	ND	
Carvone		0.00003	0.0005	ND	ND	
Caryophyllene Oxide		0.00010	0.0005	ND	ND	
Cedrol		0.00003	0.0005	ND	ND	
cis-Ocimene		0.00004	0.0001	ND	ND	
Citral		0.00002	0.0005	ND	ND	
Total				4.77	47.703	

Primary Aromas

 Pine	 Herbal	 Cinnamon	 Hops	 Licorice
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Entered by: 56

Instrument ID: GCMS-1

Date Tested: 11/27/2024

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.




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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
Eucalyptol		0.00003	0.0005	ND	ND	
Fenchol		0.00002	0.0005	ND	ND	
γ-Terpinene		0.00002	0.0005	ND	ND	
Geraniol		0.00003	0.0005	ND	ND	
Geranyl Acetate		0.00002	0.0005	ND	ND	
Isoborneol		0.00002	0.0005	ND	ND	
Isobornyl Acetate		0.00002	0.0005	ND	ND	
Limonene		0.00004	0.0005	ND	ND	
Linalool		0.00002	0.0005	ND	ND	
m-Cymene		0.00002	0.0005	ND	ND	
Menthone		0.00003	0.0005	ND	ND	
Nerol		0.00004	0.0005	ND	ND	
Nerolidol			0.0005	ND	ND	
Nootkatone		0.00011	0.0005	ND	ND	
o-Cymene		0.00003	0.0005	ND	ND	
(-)-Isopulegol		0.00002	0.0005	ND	ND	
(-)-Guaiol		0.00006	0.0005	ND	ND	
Phytane		0.00002	0.0005	ND	ND	
Piperitone		0.00003	0.0005	ND	ND	
Pulegone		0.00002	0.0005	ND	ND	
Sabinene		0.00003	0.0005	ND	ND	
Safranal		0.00001	0.0005	ND	ND	
Terpinolene		0.00002	0.0005	ND	ND	
Thymol		0.00005	0.0005	ND	ND	
trans-Ocimene		0.00005	0.0004	ND	ND	
Squalene				0.00	0.000	
Total				4.77	47.703	

Primary Aromas

 Pine	 Herbal	 Cinnamon	 Hops	 Licorice
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Entered by: 56

Instrument ID: GCMS-1

Date Tested: 11/27/2024

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Portland, CT 06480

Pesticides

Complete

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPM	PPB			PPB	PPB	PPM	PPB	
Abamectin	0.0270	5.0	0.10	NR	NT	Fludioxonil	0.0220	5.0	0.10	NR	NT
Acephate	0.0130	5.0	0.10	NR	NT	Hexythiazox	0.0150	5.0	0.10	NR	NT
Acequinocyl	0.0100	5.0	0.10	NR	NT	Imazalil	0.0120	5.0	0.10	NR	NT
Acetamiprid	0.0110	5.0	0.10	NR	NT	Imidacloprid	0.0110	5.0	5.00	NR	NT
Aldicarb	0.0130	5.0	0.10	NR	NT	Kresoxim Methyl	0.0150	5.0	0.10	NR	NT
Azoxystrobin	0.0210	5.0	0.10	NR	NT	Malathion	0.0180	5.0	0.50	NR	NT
Bifenazate	0.0270	5.0	0.10	NR	NT	Metalaxyl	0.0160	5.0	2.00	NR	NT
Bifenthrin	0.0280	5.0	3.00	NR	NT	Methiocarb	0.0180	5.0	0.10	NR	NT
Boscalid	0.0110	5.0	0.10	NR	NT	Methomyl	0.0110	5.0	1.00	NR	NT
Captan	0.0900	5.0	0.70	NR	NT	Methyl Parathion	0.0080	5.0	0.10	NR	NT
Carbaryl	0.0110	5.0	0.50	NR	NT	Mevinphos	0.0080	5.0	0.10	NR	NT
Carbofuran	0.0130	5.0	0.10	NR	NT	Myclobutanil	0.0170	5.0	0.10	NR	NT
Chlorantraniliprole	0.0120	5.0	10.00	NR	NT	Naled	0.0110	5.0	0.10	NR	NT
Chlordane	0.0320	5.0	0.10	NR	NT	Oxamyl	0.0110	5.0	0.50	NR	NT
Chlorfenapyr	0.0280	5.0	0.10	NR	NT	Paclobutrazol	0.0190	5.0	0.10	NR	NT
Chlorpyrifos	0.0270	5.0	0.10	NR	NT	Pentachloronitrobenzene	0.0160	5.0	0.10	NR	NT
Clofentezine	0.0120	5.0	0.10	NR	NT	Permethrin	0.0230	5.0	0.50	NR	NT
Coumaphos	0.0090	5.0	0.10	NR	NT	Phosmet	0.0100	5.0	0.10	NR	NT
Cyfluthrin	0.0170	5.0	2.00	NR	NT	Piperonyl Butoxide	0.0200	5.0	3.00	NR	NT
Cypermethrin	0.0230	5.0	1.00	NR	NT	Prallethrin	0.0150	5.0	0.10	NR	NT
Daminozide	0.0100	5.0	0.10	NR	NT	Propiconazole	0.0100	5.0	0.10	NR	NT
DDVP	0.0120	5.0	0.10	NR	NT	Pyrethrins	0.0100	5.0	0.50	NR	NT
Diazinon	0.0050	5.0	0.10	NR	NT	Pyridaben	0.0240	5.0	0.10	NR	NT
Dimethoate	0.0090	5.0	0.10	NR	NT	Spinetoram	0.0190	5.0	0.10	NR	NT
Dimethomorph	0.0140	5.0	2.00	NR	NT	Spinosad	0.0150	5.0	0.10	NR	NT
Ethoprophos	0.0160	5.0	0.10	NR	NT	Spiromesifen	0.0190	5.0	0.10	NR	NT
Etofenprox	0.0270	5.0	0.10	NR	NT	Spirotetramat	0.0130	5.0	0.10	NR	NT
Etoazole	0.0200	5.0	0.10	NR	NT	Spiroxamine	0.0110	5.0	0.10	NR	NT
Fenhexamid	0.0250	5.0	0.10	NR	NT	Tebuconazole	0.0230	5.0	0.10	NR	NT
Fenoxycarb	0.0160	5.0	0.10	NR	NT	Thiacloprid	0.0120	5.0	0.10	NR	NT
Fenpyroximate	0.0290	5.0	0.10	NR	NT	Thiamethoxam	0.0080	5.0	5.00	NR	NT
Fipronil	0.0190	5.0	0.10	NR	NT	Trifloxystrobin	0.0230	5.0	0.10	NR	NT
Flonicamid	0.0130	5.0	0.10	NR	NT						

Entered by: 70

Instrument ID 1: LCMS-1

Instrument ID 2: 0

Date Tested (LC): 11/26/2024

Date Tested (GC):

LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008




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Lab Director
12/04/2024

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Microbials

Pass

Analyte	Limit	Results	Qualifiers	Status
	CFU/g	CFU/g		
Total Viable Aerobic Bacteria	100000	<100		Pass
Total Yeast & Mold	100000	<100		Pass
E. coli	Not Detected in 1g	Not Detected		Pass
Listeria monocytogenes	Not Detected in 1g	Not Detected		Pass
Salmonella	Not Detected in 1g	Not Detected		Pass
Shiga Toxin E. Coli	Not Detected in 1g	Not Detected		Pass
Aspergillus flavus	Not Detected in 1g	Not Detected		Pass
Aspergillus fumigatus	Not Detected in 1g	Not Detected		Pass
Aspergillus niger	Not Detected in 1g	Not Detected		Pass
Aspergillus terreus	Not Detected in 1g	Not Detected		Pass

Entered by: 009

Instrument ID: PCR-1

Date Tested: 11/26/2024

Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms, and total yeast & mold are analyzed by SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
B1	0.0	1.0	20.0	ND		Pass
B2	0.0	1.0	20.0	ND		Pass
G1	0.0	1.0	20.0	ND		Pass
G2	0.0	1.0	20.0	ND		Pass
Ochratoxin A	0.0	1.0	20.0	ND		Pass

Instrument ID: LCMS-1

Date Tested: 11/26/2024

LOD = Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-013.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.236	1.000	200.000	ND		Pass
Cadmium	0.115	1.000	200.000	ND		Pass
Chromium	0.216	1.000	600.000	ND		Pass
Lead	0.088	1.000	500.000	ND		Pass
Mercury	0.188	0.500	100.000	ND		Pass

Entered by: 3

Instrument ID: ICPMS-1

Date Tested: 11/26/2024

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005




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Lab Director
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Residual Solvents

Pass

Analyte	LOQ PPM	Limit PPM	Results PPM	Status	Qualifiers
Ethanol	100.000	1000.000	414.533	Pass	
Total Solvents		5000.000	414.533	Pass	

Entered by: 5

Instrument ID: GC-1

Date Tested: 11/26/2024

LOQ = Limit of Quantitation. Residual Solvents analyzed by SOP-011




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 Lab Director
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Ingredient Testing

Analyte	Results	Status
Vitamin E Acetate	Not Detected	Pass
Medium Chain Triglycerides	Not Detected	Pass
Polyethylene Glycol	Not Detected	Pass
Squalane	Not Detected	Pass
Squalene	Not Detected	Pass




Ryan Picard
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12/04/2024

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