4473 Cherry Valley Tpk Lafayette, NY 13084 cboland@ayrloom.com 315-420-9584

License #: OCM-AUCP-22-000007

Date Released: 3/29/2023 8:53:07PM

Report #: 898

HPLC

Compound

d9-THC CBG THCV CBC CBD CBN THCa d8-THC d10-THC CBDa

High Dose Tincture

Sample #: 631, Weight: 30.00mL, Unit Count:

Order #: X230324-0002

Category/Type: Ingestible, Tincture Date Collected: 3/24/2023 9:43:10AM Date Received: 3/25/2023 11:35:03AM Date Analyzed: 3/29/2023 8:50:19PM Regulator Sample ID: 032225 T0069

Regulator Source Package ID: 032225 T0069



Total Cannabinoids 3.08 % 30.8 mg/g

PASS



Mycotoxins PASS

Total THC

2.97 %

29.7 mg/g



Total CBD 0.01 % 0.1 mg/g

Water Activity

PASS



Heavy Metals **PASS**



Microbials **PASS**



Residual Solvents **PASS**

Regulator Batch ID: 032225 T0069

Potency Analysis by

Total Cannabinoids: 3.08 % - 30.8 mg/g

Total THC: 2.97 % - 29.7 mg/g Total CBD: 0.01 % - 0.1 mg/g

	CAS#	LOQ (%)	%	mg/g	Relative Concentration
1	972-08-3	0.001	2.97	29.7	
25	5654-31-3	0.001	0.04	0.4	•
31	1262-37-0	0.001	0.03	0.3	•
20	0675-51-8	0.001	0.02	0.2	
13	3956-29-1	0.001	0.01	0.1	1
Ę	521-35-7	0.001	0.01	0.1	
23	3978-85-0	0.001	ND	ND	
5	957-75-5	0.001	ND	ND	
95	5543-62-7	0.001	ND	ND	
1	244-58-2	0.001	ND	ND	
24	1274-48-4	0.001	ND	ND	

ND

Date Completed: 03/28/2023 9:53AM

Total CBD = CBD + (0.877*CBDa)

Total THC = d9-THC + d8-THC + d10-THC + (0.877*THCa) d8-THC is an abbreviation for delta-8 tetrahydrocannabinol.

ND Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND.

d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

25555-57-1

0.001

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If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.





Keystone State Testing of New York 1809 Vestal Pkwy E

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Kelly N. Greeled



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4473 Cherry Valley Tpk Lafayette, NY 13084 cboland@ayrloom.com 315-420-9584

License #: OCM-AUCP-22-000007

Sample #: 631 High Dose Tincture

Water Activity by Meter		Pass		Date Completed	: 03/28/2023 9:57 am
Comp	oound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water	Activity	0.05	0.85	0.29	Pass
Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.					

Pesticides by LCMSMS	Pass	;	Date Completed	I: 03/28/2023 9:44 an
Compound	LOQ (µg/g)	Limits (μg/g)	Result (μg/g)	Status
Abamectin	0.01	0.5	ND	Pass
Acephate	0.01	0.4	ND	Pass
Acequinocyl	0.01	2	ND	Pass
Acetamiprid	0.01	0.2	ND	Pass
Aldicarb	0.01	0.4	ND	Pass
Azadirachtin	0.01	1	ND	Pass
Azoxystrobin	0.01	0.2	ND	Pass
Bifenazate	0.01	0.2	ND	Pass
Bifenthrin	0.01	0.2	ND	Pass
Boscalid	0.01	0.4	ND	Pass
Carbaryl	0.01	0.2	ND	Pass
Carbofuran	0.01	0.2	ND	Pass
Chlorantraniliprole	0.01	0.2	ND	Pass
Chlormequat Chloride	0.01	1	ND	Pass
Chlorpyrifos	0.01	0.2	ND	Pass
Clofentezine	0.01	0.2	ND	Pass
Coumaphos	0.01	1	ND	Pass
Cyfluthrin	0.01	1	ND	Pass
Cypermethrin	0.01	1	ND	Pass
Daminozide	0.01	1	ND	Pass

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Keystone State Testing of New York 1809 Vestal Pkwy E

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Kelly N Guela



Final

4473 Cherry Valley Tpk Lafayette, NY 13084 cboland@ayrloom.com 315-420-9584

License #: OCM-AUCP-22-000007

Sample #: 631 High Dose Tincture

sticides by LCMSMS	Pass	•	Date Completed: 03/28/2023	
Compound	LOQ (μg/g)	Limits (µg/g)	Result (µg/g)	Status
Diazinon	0.01	0.2	ND	Pass
Dichlorvos	0.01	1	ND	Pass
Dimethoate	0.01	0.2	ND	Pass
Dimethomorph	0.01	1	ND	Pass
Ethoprophos	0.01	0.2	ND	Pass
Etofenprox	0.01	0.4	ND	Pass
Etoxazole	0.01	0.2	ND	Pass
Fenhexamid	0.01	1	ND	Pass
Fenoxycarb	0.01	0.2	ND	Pass
Fenpyroximate	0.01	0.4	ND	Pass
Fipronil	0.01	0.4	ND	Pass
Flonicamid	0.01	1	ND	Pass
Fludioxonil	0.01	0.4	ND	Pass
Hexythiazox	0.01	1	ND	Pass
lmazalil	0.01	0.2	ND	Pass
Imidacloprid	0.01	0.4	ND	Pass
Indolebutyric Acid	0.01	1	ND	Pass
Kresoxim-methyl	0.01	0.4	ND	Pass
Malathion	0.01	0.2	ND	Pass
Metalaxyl	0.01	0.2	ND	Pass
Methiocarb	0.01	0.2	ND	Pass
Mevinphos	0.01	1	ND	Pass
Myclobutanil	0.01	0.2	ND	Pass
Naled	0.01	0.5	ND	Pass
Oxamyl	0.01	1	ND	Pass
Paclobutrazol	0.01	0.4	ND	Pass

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Keystone State Testing of New York 1809 Vestal Pkwy E

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Final

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License #: OCM-AUCP-22-000007

Sample #: 631 High Dose Tincture

sticides by LCMSMS	Pass	;	Date Completed: 03/28/2023	
Compound	LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status
Permethrin	0.01	0.2	ND	Pass
Phosmet	0.01	0.2	ND	Pass
Piperonyl Butoxide	0.01	2	ND	Pass
Prallethrin	0.01	0.2	ND	Pass
Propiconazole	0.01	0.4	ND	Pass
Propoxur	0.01	0.2	ND	Pass
Pyrethrins Total	0.01	1	ND	Pass
Pyridaben	0.01	0.2	ND	Pass
Spinetoram	0.01	1	ND	Pass
Spinosad Total	0.01	.2	ND	Pass
Spiromesifen	0.01	0.2	ND	Pass
Spirotetramat	0.01	0.2	ND	Pass
Spiroxamine	0.01	0.2	ND	Pass
Tebuconazole	0.01	0.4	ND	Pass
Thiacloprid	0.01	0.2	ND	Pass
Thiamethoxam	0.01	0.2	ND	Pass
Trifloxystrobin	0.01	0.2	ND	Pass

Residual Solvents by HS-GC-MS	Pass		Date Completed: 03/28/2023 10:33 am	
Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,4-Dioxane	50	380	ND	Pass
2-Butanol	50	5000	ND	Pass
2-Ethoxyethanol	50	160	ND	Pass
3-Methylpentane	10		ND	Pass
Acetone	50	5000	ND	Pass

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Keystone State Testing of New York 1809 Vestal Pkwy E

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4473 Cherry Valley Tpk Lafayette, NY 13084 cboland@ayrloom.com 315-420-9584

License #: OCM-AUCP-22-000007

Sample #: 631 **High Dose Tincture**

sidual Solvents by HS-GC-MS	Pass		Date Completed: 03/28/2023 10:33	
Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetonitrile	50	410	ND	Pass
Benzene	0.5	2	ND	Pass
Butanes ppm	25	5000	ND	Pass
Cumene	50	70	ND	Pass
Cyclohexane	50	3880	ND	Pass
Ethanol	50	5000	ND	Pass
Ethyl acetate	50	5000	ND	Pass
Ethyl ether	50	5000	ND	Pass
Ethylbenzene	12.5		ND	Pass
Ethylene glycol	50	620	ND	Pass
Ethylene oxide	50	50	ND	Pass
Heptane	50	5000	ND	Pass
Hexane	10		ND	Pass
Isopropanol	50	5000	ND	Pass
Isopropyl acetate	50	5000	ND	Pass
Methanol	50	3000	ND	Pass
Methylene chloride	50	600	ND	Pass
Pentanes Total	16.7	5000	ND	Pass
Propane	50	5000	ND	Pass
Tetrahydrofuran	50	720	ND	Pass
Toluene	50	890	ND	Pass
Total xylenes	25	2170	ND	Pass

Mycotoxins by LCMSMS	Pass		Date Completed: 03/28/2023 9:44 an	
Compound	LOQ (µg/g)	Limits (μg/g)	Result (μg/g)	Status

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If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.





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License #: OCM-AUCP-22-000007

Sample #: 631 **High Dose Tincture**

Mycotoxins by LCMSMS	Pass	}	Date Completed: 03/28/2023 9:44 an	
Compound	LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status
Aflatoxin B1	0.005	0.020	ND	Pass
Aflatoxin B2	0.005	0.020	ND	Pass
Aflatoxin G1	0.005	0.020	ND	Pass
Aflatoxin G2	0.005	0.020	ND	Pass
Ochratoxin A	0.005	0.020	ND	Pass
Total Aflatoxin	0.005	0.020	ND	Pass
Comment: Mycotoxin contamination tested by LCMSMS usin	g P-NY125. Unless otherwise stated, all	QC passed.		

Limits (μg/g) 120 1.5 0.5	Result (μg/g) 0.0 0.0 0.0	Status Pass Pass Pass
1.5	0.0	Pass
0.5	0.0	Pass
1100	0.0	Pass
300	0.0	Pass
0.5	0.0	Pass
3	0.0	Pass
20	0.0	Pass

Micro by Petri & qPCR	Pass	Pass Date Comple		ted: 03/27/2023 10:42 am	
Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status	
Aspergillus flavus Qualitative	0	0	Not Detected	Pass	
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass	
Aspergillus niger Qualitative	0	0	Not Detected	Pass	
Aspergillus terreus Qualitative	0	0	Not Detected	Pass	

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy,

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.





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Gen V Labs, LLC

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License #: OCM-AUCP-22-000007

Certificate of Analysis

Final

Sample #: 631 High Dose Tincture

M	icro by Petri & qPCR	Pass		Date Completed: 03/27/2023 10:42 am	
	Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
	Salmonella Qualitative	0	0	Not Detected	Pass
	Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
	Total Aerobic Bacteria	10	10000	ND	Pass
	Total Yeast & Mold	10	1000	ND	Pass
Co	mment: Microbial contamination tested by Petrifilm plates and c and "Detected" = "Presumptive Presence". Acceptance			validation limitations: "Not Detected" = "Absent"	

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