Gen V Labs, LLC

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

License #: OCM-AUCP-22-000007

Certificate of Analysis

Date Released: 3/3/2023 3:31:45PM

Report #: 549

Pineapple Mango

Sample #: 312, Weight: 1.00g, Unit Count:

Order #: X230223-0010

Category/Type: Ingestible, Edibles Date Collected: 2/23/2023 8:59:19PM Date Received: 2/23/2023 9:06:47PM Date Analyzed: 3/2/2023 3:50:08PM

Regulator Sample ID: 012524

Regulator Source Package ID: BEV-AYR-011

Regulator Batch ID: 0



Total Cannabinoids 10.5 mg/svg ND mg/g



Total THC 5.0 mg/svg ND mg/g



Total CBD 5.2 mg/svg ND mg/g



Heavy Metals Microbials **PASS PASS**

Date Completed: 03/02/2023 2:09PM



PASS



PASS



Potency Analysis by HPLC

Total Cannabinoids: 10.5 mg/svg - ND mg/g

Total THC: 5.0 mg/svg - ND mg/g Total CBD: 5.2 mg/svg - ND mg/g

	TOTAL CE	الله 5.2 الله	g/svg - N	D mg/g
Compound	CAS#	LOQ (mg/svg)	mg/svg	mg/g
CBD	13956-29-1	0.1	5.1	ND
d9-THC	1972-08-3	0.1	5.0	ND
THCV	31262-37-0	0.1	0.1	ND
CBDa	1244-58-2	0.1	0.1	ND
CBC	20675-51-8	0.1	0.1	ND
CBN	521-35-7	0.1	0.1	ND
THCa	23978-85-0	0.1	ND	ND
d8-THC	5957-75-5	0.1	ND	ND
d10-THC	95543-62-7	0.1	ND	ND
CBDV	24274-48-4	0.1	ND	ND
CBG	25654-31-3	0.1	ND	ND
CBGa	25555-57-1	0.1	ND	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.

Total THC = d9-THC + d8-THC + d10-THC + (0.877*THCa)

Total CBD = CBD + (0.877*CBDa)

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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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License #: OCM-AUCP-22-000007

Sample #: 312 Pineapple Mango

sticides by LCMSMS	Pass	•	Date Completed: 03/02/2023 3:46 p	
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
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

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License #: OCM-AUCP-22-000007

Sample #: 312 Pineapple Mango

sticides by LCMSMS	Pass	;	Date Completed: 03/02/2023 3:46 p	
Compound	LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status
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
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

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License #: OCM-AUCP-22-000007

Sample #: 312 Pineapple Mango

esticides by LCMSMS	Pass	Pass		Date Completed: 03/02/2023 3:46 p	
Compound	LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status	
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:	03/02/2023 3:36 pm
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
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	2312	Pass

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License #: OCM-AUCP-22-000007

Sample #: 312 **Pineapple Mango**

sidual Solvents by HS-GC-MS	Pass		Date Completed: 03/02/2023 3:3	
Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
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	Pass		1: 03/02/2023 3:48 pm
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

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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License #: OCM-AUCP-22-000007

Sample #: 312 Pineapple Mango

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

leavy Metals by ICPMS	Pass	Pass		Date Completed: 03/02/2023 3:23 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (μg/g)	Status	
Antimony		120	0.0	Pass	
Arsenic		1.5	0.0	Pass	
Cadmium		0.5	0.0	Pass	
Chromium		1100	0.7	Pass	
Copper		300	0.0	Pass	
Lead		0.5	0.0	Pass	
Mercury		3	0.0	Pass	
Nickel		20	0.0	Pass	
omment: Heavy Metal contamination tested by ICPMS usin	g P-NY140. Unless otherwise stated, all	QC passed.			

Micro by Petri & qPCR	Pass	,	Date Completed: 03/02/2023 3:50 p		
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	
Salmonella Qualitative	0	0	Not Detected	Pass	
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass	
Total Aerobic Bacteria			0	Pass	
Total Aerobic Bacteria	10		ND	Pass	
Total Yeast & Mold	10		ND	Pass	
Yeast & Mold			0	Pass	
Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations : "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".					

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