



Order Information

Sample Name: Fruit Up

Sample Type: Edible

Date Collected: 04/17/2024

Report Type: Compliance

Company Info: Glenna & Co., Rush, New York (OCM-AUCP-22-000014)

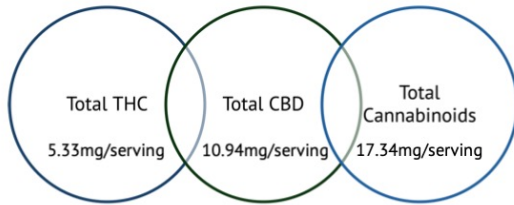
Batch Information

Batch ID: 20240417.1

Sample ID: 20240417.1.002

Lot No.: PBID-GC240106GFRSG

Lot Size: 1882 units



Heavy Metals
Pass

Pesticides
Pass

Microbes
Pass

Solvents
Pass

Mycotoxins
Pass

Water Activity
Pass

Filth
Not Tested

Moisture
Pass

Terpenes
Pass

OCM Permit No. - OCM-CPL-2022-00012

Brandy Young Jgamana

4/26/24

MANAGED BY: Brandy Young, PhD (Lab Director)

DATE

Testing results are based solely upon the sample submitted to the lab and in the condition it was received. Certainty Analytical Labs, Corp. warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices, as determined by the New York Office of Cannabis Management (Cannabis Laboratory Quality System Standard, New York State, Office of Cannabis Management, 2023). Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials.


<https://glennas.com/coa-finder/>




<https://glennas.com/wp-content/uploads/2024/01/PBID-GC240106GFRSG.pdf>



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Date Released: 4/24/2024 6:00:12PM
Report #: 15011


20240417.1.002


Sample #: 4517, Weight: 18.00g, Unit Count:
Order #: X240418-0067
Category/Type: Ingestible, Edibles
Date Collected: 4/18/2024 6:07:22PM
Date Received: 4/18/2024 6:20:13PM
Regulator Sample ID: 20240417.1.002
Regulator Source Package ID: 20240417.1.002
Regulator Batch ID: 20240417.1.002
Size: Not Provided, Unit Count:



Total Cannabinoids
 17.34 mg/unit
5.625 mg/g



Total THC
 5.330 mg/unit
1.730 mg/g



Total CBD
 10.94 mg/unit
3.546 mg/g



Total Terpenes
 0.0 %



Heavy Metals
 PASS


Microbiols
 PASS


Residual Solvents
 PASS


Pesticides
 PASS



Mycotoxins
 PASS


Water Activity
 PASS


Potency Analysis by HPLC Total Cannabinoids: 17.34 mg/unit - 5.625 mg/g Date Completed: 04/23/2024 10:56AM
 Total THC: 5.330 mg/unit - 1.730 mg/g
 Total CBD: 10.94 mg/unit - 3.546 mg/g


Compound	CAS#	LOQ (mg/unit)	mg/unit	mg/g	Relative Concentration
CBD	13956-29-1		10.92	3.546	
d9-THC	1972-08-3		5.330	1.730	
CBG	25654-31-3		0.4359	0.1415	
CBC	20675-51-8		0.4086	0.1326	
CBN	521-35-7		0.1881	0.06105	
CBDV	24274-48-4		0.04260	0.01383	
CBDa	1244-58-2		0.01950	ND	
THCa	23978-85-0		0.0000	ND	
d8-THC	5957-75-5		0.0000	ND	
d10/R8-THC			0.0000	ND	
d10/S9-THC			0.0000	ND	
THCV	31262-37-0		0.0000	ND	
CBGa	25555-57-1		0.0000	ND	

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 Dr. Kelly Greenland, Lab Director




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Sample #: 4517 **20240417.1.002**

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for fower samples unless moisture is listed as zero or ND. Unless otherwise stated all GC passed.
d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

Date Completed: 04/21/2024 10:33AM


Terpenes by HS-GC-MS


Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-myrcene	123-35-3	0.1000	ND	
Beta-caryophyllene	87-44-5	0.1000	ND	
Limonene	5989-27-5	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Alpha-humulene	6753-98-6	0.1000	ND	
Linalool	78-70-6	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Borneol	464-43-7	0.1000	ND	
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	
Caryophyllene-oxide	1139-30-6	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	

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Sample #: 4517 **20240417.1.002**

Compound	CAS#	LOQ (%)	%	Relative Concentration
Alpha-phellandrene	99-83-2	0.1000	ND	
Farnesene	502-61-4	0.1000	ND	
Camphor	464-49-3	0.1000	ND	
3-Carene	13466-78-9	0.1000	ND	
Alpha-cedrene	469-61-4	0.1000	ND	
Cedrol	77-53-2	0.1000	ND	
Eucalyptol	470-82-6	0.1000	ND	
Fenchone	1195-79-5	0.1000	ND	
Gamma-terpinene	99-85-4	0.1000	ND	
Geranyl Acetate	105-87-3	0.1000	ND	
Isopulegol	89-79-2	0.1000	ND	
Menthol	15356-70-4	0.1000	ND	
Nerol	106-25-2	0.1000	ND	
Nerolidol		0.1000	ND	
Pulegone	89-82-7	0.1000	ND	
Sabinene	3387-41-5	0.1000	ND	
Sabinene Hydrate	546-79-2	0.1000	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

Water Activity Pass

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.85	0.49	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Analysis Date: 04/19/2024 3:00 pm


Pesticides by LCMSMS Pass

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass


Analysis Date: 04/22/2024 11:41 am

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Sample #: 4517 **20240417.1.002**


Pesticides by LCMSMS Pass

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Acephate	0.0100	0.400	ND	Pass
Acequinocyl	0.0100	2.00	ND	Pass
Acetamiprid	0.0100	0.200	ND	Pass
Aldicarb	0.0100	0.400	ND	Pass
Azadirachtin	0.0100	1.00	ND	Pass
Azoxystrobin	0.0100	0.200	ND	Pass
Bifenazate	0.0100	0.200	ND	Pass
Bifenthrin	0.0100	0.200	ND	Pass
Boscalid	0.0100	0.400	ND	Pass
Captan	0.0100	1.00	ND	Pass
Carbaryl	0.0100	0.200	ND	Pass
Carbofuran	0.0100	0.200	ND	Pass
Chlorantranilprole	0.0100	0.200	ND	Pass
Chlordane-alpha	0.0100	1.00	ND	Pass
Chlorfenapyr	0.0100	1.00	ND	Pass
Chlormequat Chloride	0.0100	1.00	ND	Pass
Chlorpyrifos	0.0100	0.200	ND	Pass
Clofentazine	0.0100	0.200	ND	Pass
Coumaphos	0.0100	1.00	ND	Pass
Cyfluthrin	0.0100	1.00	ND	Pass
Cypermethrin	0.0100	1.00	ND	Pass
Daminozide	0.0100	1.00	ND	Pass
Diazinon	0.0100	0.200	ND	Pass
Dichlorvos	0.0100	1.00	ND	Pass
Dimethoate	0.0100	0.200	ND	Pass
Dimethomorph	0.0100	1.00	ND	Pass


Analysis Date: 04/22/2024 11:41 am

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Sample #: 4517 **20240417.1.002**

Pesticides by LCMSMS


Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Elthoprophos	0.0100	0.200	ND	Pass
Etofenprox	0.0100	0.400	ND	Pass
Etozazole	0.0100	0.200	ND	Pass
Fenhexamid	0.0100	1.00	ND	Pass
Fenoxycarb	0.0100	0.200	ND	Pass
Fenpyroximate	0.0100	0.400	ND	Pass
Fipronil	0.0100	0.400	ND	Pass
Flonicamid	0.0100	1.00	ND	Pass
Fludioxonil	0.0100	0.400	ND	Pass
Hexythiazox	0.0100	1.00	ND	Pass
Imazalil	0.0100	0.200	ND	Pass
Imidacloprid	0.0100	0.400	ND	Pass
Indolebutyric Acid	0.0100	1.00	ND	Pass
Kresoxim-methyl	0.0100	0.400	ND	Pass
Malathion	0.0100	0.200	ND	Pass
Metalaxyl	0.0100	0.200	ND	Pass
Methiocarb	0.0100	0.200	ND	Pass
Methomyl	0.0100	0.400	ND	Pass
Methyl Parathion	0.0100	0.200	ND	Pass
Mevinphos	0.0100	1.00	ND	Pass
MGK-264	0.0100	0.200	ND	Pass
Myclobutanil	0.0100	0.200	ND	Pass
Naled	0.0100	0.500	ND	Pass
Oxamyl	0.0100	1.00	ND	Pass
Paclobutrazol	0.0100	0.400	ND	Pass
Pentachloronitrobenzene	0.0100	1.00	ND	Pass

Pass


Analysis Date: 04/22/2024 11:41 am

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Sample #: 4517 **20240417.1.002**

Pesticides by LCMSMS

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Permethrins, Total	0.0100	0.200	ND	Pass
Phosmet	0.0100	0.200	ND	Pass
Piperonyl Butoxide	0.0100	2.00	ND	Pass
Prallethrin	0.0100	0.200	ND	Pass
Propiconazole	0.0100	0.400	ND	Pass
Propoxur	0.0100	0.200	ND	Pass
Pyrethrins Total	0.0100	1.00	ND	Pass
Pyridaben	0.0100	0.200	ND	Pass
Spinetoram Total	0.0100	1.00	ND	Pass
Spinosad Total	0.0100	0.200	ND	Pass
Spiromesifen	0.0100	0.200	ND	Pass
Spirotetramat	0.0100	0.200	ND	Pass
Spiroxamine	0.0100	0.200	ND	Pass
Tebuconazole	0.0100	0.400	ND	Pass
Thiacloprid	0.0100	0.200	ND	Pass
Thiamethoxam	0.0100	0.200	ND	Pass
Trifloxystrobin	0.0100	0.200	ND	Pass

Pass

Analysis Date: 04/22/2024 11:41 am

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

Residual Solvents by HS-GC-MS


Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	ND	Pass

Pass


Analysis Date: 04/21/2024 11:57 am

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Sample #: 4517 **20240417.1.002**

Residual Solvents by HS-GC-MS **Pass** Analysis Date: 04/21/2024 11:57 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass
Penlanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.


Mycotoxins by LCMSMS **Pass** Analysis Date: 04/22/2024 11:41 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass


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


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Sample #: 4517 **20240417.1.002**

Heavy Metals by ICPMS **Pass** Analysis Date: 04/22/2024 2:07 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	120	ND	Pass
Arsenic	0.00100	1.50	0.00237	Pass
Cadmium	0.00150	0.500	ND	Pass
Chromium	0.280	1100	ND	Pass
Copper	0.0750	300	ND	Pass
Lead	0.00250	0.500	ND	Pass
Mercury	0.000500	3.00	ND	Pass
Nickel	0.0100	20.0	ND	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.


Micro by Petri & qPCR **Pass** Analysis Date: 04/24/2024 9:54 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	1	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	1	0	Not Detected	Pass
Aspergillus niger Qualitative	1	0	Not Detected	Pass
Aspergillus terreus Qualitative	1	0	Not Detected	Pass
Salmonella Qualitative	1	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass
Total Aerobic Bacteria	10	10000	<LOQ	Pass
Total Yeast & Mold	10	1000	<LOQ	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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