CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Oct 30, 2024

Overall Result: **PASS**

Glenna & Co

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Modified Grape — Flower

SAMPLE INFORMATION

Sample ID: CTNY-241018-009
Sample Name: Modified Grape
Matrix: Cannabis Flower Product
Product: Flower
Batch No.: GC240408MFG
Batch Size: 3029 Units
Sample Size: 13 Units
Cultivar(s): N/A
Date Collected: Oct 21, 2024
Time Collected: 09:23:12
Date Received: Oct 21, 2024
Category: Cannabis_flower_product
Compliance Type: Adult Use
Received By: Logan Emerson Alvarez

CULTIVATOR

Glenna & Co
License: OCM-CULT-24-000018
Address: 769 Rush Scottsville rd
Rush, NY 14543

MANUFACTURER

Glenna & Co
License: OCM-PROC-24-000016
Address: 769 Rush Scottsville rd
Rush, NY 14543

CONTACT

Sam Scott
Address: 769 Rush Scottsville rd
Rush, NY 14543

Cannabinoids

TOTAL CANNABINOIDS	TOTAL THC	TOTAL CBD
25.9%	25.3%	< LOQ

Terpenes

TOTAL TERPENES	TOP 5 TERPENES		PROFILE
2.25%	β-Caryophyllene	0.72%	Spicy
	d-Limonene	0.38%	Citrus
	α-Humulene	0.27%	Hops
	α-Bisabolol	0.21%	Floral
	α-Pinene	0.14%	Pine

Cannabinoids	Foreign Matter	Heavy Metals	Microbials	Moisture Content
TESTED	PASS	PASS	PASS	PASS

Mycotoxins	Pesticides	Terpenes	Water Activity
PASS	PASS	PASS	PASS

Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-2022-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com

Larry Clement
Quality Assurance Officer
Oct 30, 2024

Logan Alvarez
Lead Technical Director
Oct 30, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10 -THC + 9S-Δ10 -THC, Total CBD = CBDa*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10 -THC and 9S-Δ10 -THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001

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

https://glennas.com/wp-content/uploads/2024/11/PBID-GC240408MFG.pdf

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Cannabinoids

Testing Method: CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: Cannabinoids by HPLC

TESTED

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
9R-Δ^{10}-THC		0.160	< LOQ	< LOQ		
9S-Δ^{10}-THC		0.160	< LOQ	< LOQ		
CBC		0.160	< LOQ	< LOQ		
CBD		0.160	< LOQ	< LOQ		
CBDA		0.160	< LOQ	< LOQ		
CBDV		0.160	< LOQ	< LOQ		
CBG		0.160	< LOQ	< LOQ		
Total THC			25.3	253		
Total CBD			< LOQ	< LOQ		

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA		0.160	0.703	7.03		
CBN		0.160	< LOQ	< LOQ		
Δ^8-THC		0.160	< LOQ	< LOQ		
Δ^9-THC		0.160	2.57	25.7		
Δ^{10}-THC			< LOQ	< LOQ		
THCA		0.160	25.9	259		
THCV		0.160	< LOQ	< LOQ		
Total THC			25.3	253		
Total CBD			< LOQ	< LOQ		

Prepared By: 38fef6
Analysis Date: Oct 21, 2024 17:00:00 EDT
Analyzed By: 38fef6
Prep Weight: 0.0216 Grams
Reviewed By: 38fef6
Lab Batch #: NP240223

Foreign Matter

Testing Method: CTND-NY-SOP-F-001: Foreign Material by Visual Inspection

PASS

Analyte	Limit	Results	Status
Foreign Matter	2 %	ND	Pass
Mammal Excrement	1 mg/lb	ND	Pass
Stems	5 %	ND	Pass

Prepared By: k4gdmc
Analysis Date: Oct 23, 2024 12:00:00 EDT
Analyzed By: k4gdmc
Prep Weight: Grams
Reviewed By: k4gdmc
Lab Batch #: NF240017

Heavy Metals

Testing Method: CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: Heavy Metals by ICP-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Antimony	2	0.079	2	< LOQ	Pass
Arsenic	2	0.079	0.2	< LOQ	Pass
Cadmium	2	0.079	0.2	< LOQ	Pass
Chromium	2	0.396	110	0.520	Pass
Copper	2	0.396	30	8.808	Pass
Lead	2	0.079	0.5	< LOQ	Pass
Mercury	2	0.079	0.1	< LOQ	Pass
Nickel	2	0.396	5	1.961	Pass

Prepared By: tvckqh
Analysis Date: Oct 21, 2024 12:12:00 EDT
Analyzed By: tvckqh
Prep Weight: 0.5051 Grams
Reviewed By: tvckqh
Lab Batch #: NM240153

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Microbials

PASS

Analyte	LOQ	Limit	Results	Status
	CFU/g		CFU/g	
Aerobic Bacteria	100		730	N/A

Testing & Prep Method: Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
Prepared By: k4gdmc
Reviewed By: k4gdmc
Analyzed By: k4gdmc
Analysis Date: Oct 22, 2024 18:00:00 EDT
Lab Batch #: NB240082

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Aspergillus flavus	1.00	Absent in any amt	Absent	Pass
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass
Aspergillus niger	1.00	Absent in any amt	Absent	Pass
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass

Testing & Prep Method: Micro: Aspergillus by Biomerieux Gene-Up
Prepared By: k4gdmc
Reviewed By: k4gdmc
Analyzed By: k4gdmc
Analysis Date: Oct 22, 2024 19:00:00 EDT
Lab Batch #: NB240082

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Salmonella spp.	1.00	Absent in any amt	Absent	Pass

Testing & Prep Method: Micro: Salmonella by Biomerieux Gene-Up
Prepared By: k4gdmc
Reviewed By: k4gdmc
Analyzed By: k4gdmc
Analysis Date: Oct 22, 2024 19:00:00 EDT
Lab Batch #: NB240082

Analyte	LOQ	Limit	Results	Status
	CFU/g	CFU/g	CFU/g	
Shiga toxin-producing E. coli	1.00	Absent in any amt	Absent	Pass

Testing & Prep Method: Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up
Prepared By: k4gdmc
Reviewed By: k4gdmc
Analyzed By: k4gdmc
Analysis Date: Oct 22, 2024 19:00:00 EDT
Lab Batch #: NB240082

Analyte	LOQ	Limit	Results	Status
	CFU/g		CFU/g	
Yeast & Mold	100		5600	N/A

Testing & Prep Method: Micro: Total Yeast & Mold by Biomerieux Tempo
Prepared By: k4gdmc
Reviewed By: k4gdmc
Analyzed By: k4gdmc
Analysis Date: Oct 24, 2024 17:30:00 EDT
Lab Batch #: NB240082

Moisture Content

Testing Method: CTND-NY-SOP-S-001: Moisture Content

PASS

Analyte	Limit	Results	Status
Moisture	15 %	12.5 %	Pass

Prepared By: k4gdmc
Analysis Date: Oct 23, 2024 14:00:00 EDT
Analyzed By: k4gdmc
Prep Weight: Grams
Reviewed By: k4gdmc
Lab Batch #: NS240026

Mycotoxins

Testing Method: CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: Mycotoxins by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Aflatoxin B1	1	0.0106		< LOQ	N/A
Aflatoxin B2	1	0.0106		< LOQ	N/A
Aflatoxin G1	1	0.0106		< LOQ	N/A
Aflatoxins			0.02	< LOQ	Pass
Aflatoxin G2	1	0.0106		< LOQ	N/A
Ochratoxin A	1	0.0106	0.02	< LOQ	Pass
Aflatoxins			0.02	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Oct 23, 2024 08:00:00 EDT
Analyzed By: k4gdmc
Prep Weight: 0.9449 Grams
Reviewed By: k4gdmc
Lab Batch #: NPM240140

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Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Abamectin	1	0.106	0.5	< LOQ	Pass
Acephate	1	0.106	0.4	< LOQ	Pass
Acequinocyl	1	0.106	2	< LOQ	Pass
Acetamiprid	1	0.106	0.2	< LOQ	Pass
Aldicarb	1	0.106	0.4	< LOQ	Pass
Azadirachtin	1	0.106	1	< LOQ	Pass
Azoxystrobin	1	0.106	0.2	< LOQ	Pass
Bifenazate	1	0.106	0.2	< LOQ	Pass
Bifenthrin	1	0.106	0.2	< LOQ	Pass
Boscalid	1	0.106	0.4	< LOQ	Pass
Captan	1	0.106	1	< LOQ	Pass
Carbaryl	1	0.106	0.2	0.151	Pass
Carbofuran	1	0.106	0.2	< LOQ	Pass
Chlorantraniliprole	1	0.106	0.2	< LOQ	Pass
Chlordane	1	0.423	1	< LOQ	Pass
Chlorfenapyr	1	0.106	1	< LOQ	Pass
Chlormequat chloride	1	0.106	1	< LOQ	Pass
Chlorpyrifos	1	0.106	0.2	< LOQ	Pass
Clofentezine	1	0.106	0.2	< LOQ	Pass
Coumaphos	1	0.106	1	< LOQ	Pass
Cyfluthrin	1	0.106	1	< LOQ	Pass
Cypermethrin	1	0.106	1	< LOQ	Pass
Daminozide	1	0.106	1	< LOQ	Pass
Diazinon	1	0.106	0.2	< LOQ	Pass
Dichlorvos	1	0.106	1	< LOQ	Pass
Dimethoate	1	0.106	0.2	< LOQ	Pass
Dimethomorph	1	0.106	1	< LOQ	Pass
Ethoprophos	1	0.106	0.2	< LOQ	Pass
Etofenprox	1	0.106	0.4	< LOQ	Pass
Etoxazole	1	0.106	0.2	< LOQ	Pass
Fenhexamid	1	0.106	1	< LOQ	Pass
Fenoxycarb	1	0.106	0.2	< LOQ	Pass
Fenpyroximate	1	0.106	0.4	< LOQ	Pass
Fipronil	1	0.106	0.4	< LOQ	Pass
Flonicamid	1	0.106	1	< LOQ	Pass
Fludioxonil	1	0.106	0.4	< LOQ	Pass
Hexythiazox	1	0.106	1	< LOQ	Pass
Imazalil	1	0.106	0.2	< LOQ	Pass
Imidacloprid	1	0.106	0.4	< LOQ	Pass
Indole-3-butyric acid	1	0.106	1	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	ppm	ppm	ppm	
Kresoxim-methyl	1	0.106	0.4	< LOQ	Pass
Malathion	1	0.106	0.2	< LOQ	Pass
Metalaxyl	1	0.106	0.2	< LOQ	Pass
Methiocarb	1	0.106	0.2	< LOQ	Pass
Methomyl	1	0.106	0.4	< LOQ	Pass
Methyl parathion	1	0.106	0.2	< LOQ	Pass
Mevinphos	1	0.106	1	< LOQ	Pass
MGK-264			0.2	< LOQ	Pass
MGK-264 I	1	0.0348		< LOQ	N/A
MGK-264 II	1	0.0684		< LOQ	N/A
Myclobutanil	1	0.106	0.2	< LOQ	Pass
Naled	1	0.106	0.5	< LOQ	Pass
Oxamyl	1	0.106	1	< LOQ	Pass
Paclobutrazol	1	0.106	0.4	< LOQ	Pass
Pentachloronitrobenzene	1	0.106	1	< LOQ	Pass
Permethrin			0.2	< LOQ	Pass
Permethrin cis	1	0.0487		< LOQ	N/A
Permethrin trans	1	0.0571		< LOQ	N/A
Phosmet	1	0.106	0.2	< LOQ	Pass
Piperonylbutoxide	1	0.106	2	< LOQ	Pass
Prallethrin	1	0.106	0.2	< LOQ	Pass
Propiconazole	1	0.106	0.4	< LOQ	Pass
Propoxur	1	0.106	0.2	< LOQ	Pass
Pyrethrins			1	< LOQ	Pass
Pyrethrins Cinerin I	1	0.00571		< LOQ	N/A
Pyrethrins Jasmolin I	1	0.00400		< LOQ	N/A
Pyrethrins Pyrethrin I	1	0.0563		< LOQ	N/A
Pyridaben	1	0.106	0.2	< LOQ	Pass
Spinetoram	1	0.106	1	< LOQ	Pass
Spinosad			0.2	< LOQ	Pass
Spinosad A	1	0.0853		< LOQ	N/A
Spinosad D	1	0.0184		< LOQ	N/A
Spiromesifen	1	0.106	0.2	< LOQ	Pass
Spirotetramat	1	0.106	0.2	< LOQ	Pass
Spiroxamine	1	0.106	0.2	< LOQ	Pass
Tebuconazole	1	0.106	0.4	< LOQ	Pass
Thiacloprid	1	0.106	0.2	< LOQ	Pass
Thiamethoxam	1	0.106	0.2	< LOQ	Pass
Trifloxystrobin	1	0.106	0.2	< LOQ	Pass

Prepared By: k4gdmc
Analysis Date: Oct 23, 2024 08:00:00 EDT, Oct 22, 2024 21:00:00 EDT
Analyzed By: k4gdmc
Prep Weight: 0.9449 Grams
Reviewed By: k4gdmc
Lab Batch #: NPM240140

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Terpenes

Testing Method: CTND-NY-SOP-T-002, CTND-NY-SOP-T-001: Terpenes by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
α-Bisabolol	1	0.0189		0.2067	2.0670
α-Humulene	1	0.0189		0.2679	2.6790
α-Phellandrene	1	0.0189		< LOQ	< LOQ
α-Pinene	1	0.0189		0.1363	1.3630
α-Terpinene	1	0.0189		< LOQ	< LOQ
β-Caryophyllene	1	0.0189		0.7195	7.1950
β-Myrcene	1	0.0189		0.1334	1.3340
β-Pinene	1	0.0189		0.1028	1.0280
Camphene	1	0.0189		< LOQ	< LOQ
Caryophyllene Oxide	1	0.0189		0.0320	0.3200
cis-β-Ocimene	1	0.0053		< LOQ	< LOQ
d-Limonene	1	0.0189		0.3756	3.7560
Δ^3-Carene	1	0.0189		< LOQ	< LOQ
Eucalyptol	1	0.0189		< LOQ	< LOQ
Total Terpenes			**11.5**	**2.2536**	**22.5360**

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
Fenchol	1	0.0189		0.0589	0.5890
γ-Terpinene	1	0.0189		< LOQ	< LOQ
Geraniol	1	0.0189		< LOQ	< LOQ
Guaiol	1	0.0189		0.1075	1.0750
Isopulegol	1	0.0189		< LOQ	< LOQ
Linalool	1	0.0189		0.0268	0.2680
p-Cymene	1	0.0189		< LOQ	< LOQ
Terpineol	1	0.0189		0.0558	0.5580
Terpinolene	1	0.0189		< LOQ	< LOQ
trans-β-Farnesene	1	0.0189		< LOQ	< LOQ
trans-β-Ocimene	1	0.0127		0.0304	0.3040
trans-Nerolidol	1	0.0189		< LOQ	< LOQ
Valencene	1	0.0189		< LOQ	< LOQ
Total Terpenes			**11.5**	**2.2536**	**22.5360**

Prepared By: 38fef6
Analysis Date: Oct 29, 2024 09:04:00 EDT
Analyzed By: tvckqh
Prep Weight: 0.1058 Grams
Reviewed By: tvckqh
Lab Batch #: NT240159

Water Activity

Testing Method: CTND-NY-SOP-W-001: Water Activity

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.49 Aw	Pass

Prepared By: 38fef6
Analysis Date: Oct 22, 2024 11:26:00 EDT
Analyzed By: 38fef6
Prep Weight: Grams
Reviewed By: 38fef6
Lab Batch #: NW240137

Regulatory Compliance Testing

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