


CERTIFICATE OF ANALYSIS


Regulatory Compliance Testing
Report Date: Oct 30, 2024



Overall Result
PASS

Glenna & Co
pg 1 of 5

Permanent Marker
Flower



SAMPLE INFORMATION

Sample ID: CTNY-241018-002
 Sample Name: Permanent Marker
 Matrix: Cannabis Flower Product
 Product: Flower
 Batch No.: GC240408PEM
 Batch Size: 660 Units
 Sample Size: 8 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

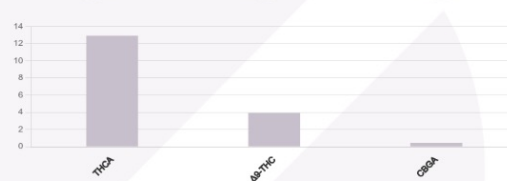
15.6%

TOTAL THC

15.2%

TOTAL CBD

< LOQ



Terpenes

TOTAL TERPENES

2.17%

TOP 5 TERPENES

- β-Caryophyllene 0.89% 🌿
- α-Humulene 0.37% 🍷
- d-Limonene 0.23% 🍊
- trans-β-Farnesene 0.14% 🌲
- Linalool 0.14% 🌸

PROFILE

- Spicy 🌿
- Hops 🍷
- Citrus 🍊
- Woody 🌲
- Floral 🌸

Cannabinoids

Foreign Matter

Heavy Metals

Microbials

Moisture Content


Mycotoxins


Pesticides

Terpenes

Water Activity

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 + delta-THC + delta-THC + delta-10-THC + 98-delta-10-THC + 95-delta-10-THC, Total CBD = CBD*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 98-delta-10-THC and 95-delta-10-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 both flower and plant forms, phytochemicals are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-16-000-001

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

<https://glennas.com/wp-content/uploads/2024/11/PBID-GC240408PEM.pdf>



Permanent Marker

Regulatory Compliance Testing
 Report Date: Oct 30, 2024
 Sample ID: CTNY-241018-002
 pg 2 of 5

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			< LOQ	< LOQ		
9S-Δ ¹⁰ -THC			< LOQ	< LOQ		
CBG			< LOQ	< LOQ		
CBD			< LOQ	< LOQ		
CBDa			< LOQ	< LOQ		
CBDA			< LOQ	< LOQ		
CBV			< LOQ	< LOQ		
CBG			< LOQ	< LOQ		
Total THC			15.2	152		
Total CBD			< LOQ	< LOQ		

Analyte	Dilution	LOQ	Results	Results	Results	Results
	1:n	%	%	mg/g	mg/pkg	mg/srv
CBGA			0.159	0.438	4.38	
CBN			0.159	< LOQ	< LOQ	
Δ ⁸ -THC			0.159	< LOQ	< LOQ	
Δ ⁹ -THC			0.159	3.91	39.1	
Δ ¹⁰ -THC			< LOQ	< LOQ	< LOQ	
THCA			0.159	12.9	129	
THCV			0.159	< LOQ	< LOQ	
Total THC			15.2	152		
Total CBD			< LOQ	< LOQ		

Prepared By: 38f66
 Analysis Date: Oct 21, 2024 17:00:00 EDT
 Analyzed By: 38f66
 Prep Weight: 0.2354 Grams

Reviewed By: 38f66
 Lab Batch #: NP240023

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

Analyte	Limit	Results	Status
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	0.395	110	0.410 Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Copper		2	0.395	30	16.731 Pass
Lead		2	0.079	0.5	< LOQ Pass
Mercury		2	0.079	0.1	< LOQ Pass
Nickel		2	0.395	5	0.404 Pass

Prepared By: tvckh
 Analysis Date: Oct 21, 2024 12:00:00 EDT
 Analyzed By: tvckh
 Prep Weight: 0.5068 Grams

Reviewed By: tvckh
 Lab Batch #: NM240153



Certified Testing and Data
 150 Broadway STE 194
 Menands, NY 12204
 certifiednd.com
 License: OCM-CP-2022-00009
 Contact: Larry Clement
 ph: 5189005515
 email: info@certifiednd.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, relate only to the items tested, labeled or analyzed, and may not be reproduced without written approval from CTND. All methods and results used conform to the NY's OCM regulations and standards. For bulk flower and plant forms, phytochemicals are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-38-001



Permanent Marker

Regulatory Compliance Testing
 Report Date: Oct 30, 2024
 Sample ID: CTNY-241018-002
 pg 3 of 5

Microbials

PASS

Analyte	LOQ	Limit	Results	Status
	CFU/g		CFU/g	
Aerobic Bacteria	100		1400	N/A

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

Analyte	LOQ	Limit	Results	Status
	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
 Analysis Date: Oct 22, 2024 19:00:00 EDT
 Reviewed By: k4gdmc
 Lab Batch #: NB240082
 Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status
	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
 Analysis Date: Oct 22, 2024 19:00:00 EDT
 Reviewed By: k4gdmc
 Lab Batch #: NB240082
 Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status
	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
 Analysis Date: Oct 22, 2024 19:00:00 EDT
 Reviewed By: k4gdmc
 Lab Batch #: NB240082
 Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status
	CFU/g		CFU/g	
Yeast & Mold	100		830	N/A

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

Moisture Content

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

PASS

Analyte	Limit	Results	Status
Moisture	15 %	11.9 %	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	0.00981	< LOQ	N/A
Aflatoxin B2		1	0.00981	< LOQ	N/A
Aflatoxin G1		1	0.00981	< LOQ	N/A
Aflatoxins			0.02	< LOQ	Pass

Analyte	Dilution	LOQ	Limit	Results	Status
	1:n	µg/g	µg/g	µg/g	
Aflatoxin G2		1	0.00981	< LOQ	N/A
Ochratoxin A		1	0.00981	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: 1.0193 Grams

Reviewed By: k4gdmc
 Lab Batch #: NPM240140



Certified Testing and Data
 150 Broadway STE 194
 Menands, NY 12204
 certifiednd.com
 License: OCM-CP-2022-00009
 Contact: Larry Clement
 ph: 5189005515
 email: info@certifiednd.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, relate only to the items tested, labeled or analyzed, and may not be reproduced without written approval from CTND. All methods and results used conform to the NY's OCM regulations and standards. For bulk flower and plant forms, phytochemicals are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-38-001



Permanent Marker

Regulatory Compliance Testing

Report Date: Oct 30, 2024

Sample ID: CTNY-241018-002
pg 4 of 5

Pesticides

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

PASS

Table with columns: Analyte, Dilution, LOQ, Limit, Results, Status. Lists various pesticides like Abamectin, Acephate, Acequinocyl, etc.

Prepared By: kgdmc, Analyzed By: kgdmc, Reviewed By: kgdmc. Analysis Date: Oct 23, 2024 08:00:00 EDT, Oct 22, 2024 21:00:00 EDT. Prep Weight: 1.0193 Grams, Lab Batch #: NPM240140

Certified Testing and Data logo and contact information for Glenna & Co.

Signatures of Larry Clement and Logan Alvarez with their titles and dates.

Definitions and Equations: Total THC = THCa*0.877 + Δ9-THC + Δ10-THC + Δ8-THC + Δ9-THC + Δ10-THC + Δ8-THC + CBD. Total Cannabinoids = All analytes summed excluding the isomers Δ9-THC and Δ10-THC. LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relies only on the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND.



Permanent Marker

Regulatory Compliance Testing

Report Date: Oct 30, 2024

Sample ID: CTNY-241018-002
pg 5 of 5

Terpenes

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

PASS

Table with columns: Analyte, Dilution, LOQ, Limit, Results, Status. Lists various terpenes like α-Bisabolol, α-Humulene, α-Phellandrene, etc.

Total Terpenes: 11.5, 2.1673, 21.6730. Prepared By: 38fef6, Analyzed By: tvckgh, Reviewed By: tvckgh. Analysis Date: Oct 29, 2024 09:04:00 EDT, Lab Batch #: NT240159

Water Activity

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

PASS

Table with columns: Analyte, Limit, Results, Status. Shows Water Activity result: 0.65 Aw, 0.47 Aw, Pass.

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

Certified Testing and Data logo and contact information for Glenna & Co.

Signatures of Larry Clement and Logan Alvarez with their titles and dates.

Definitions and Equations: Total THC = THCa*0.877 + Δ9-THC + Δ10-THC + Δ8-THC + Δ9-THC + Δ10-THC + Δ8-THC + CBD. Total Cannabinoids = All analytes summed excluding the isomers Δ9-THC and Δ10-THC. LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relies only on the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND.