


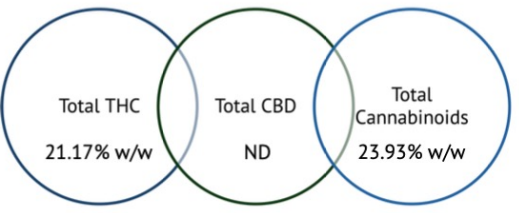


<https://glennas.com/coa-finder/>

Order Information	Batch Information
Sample Name: Purple Punch	Batch ID: 20250207.1
Sample Type: Flower	Sample ID: 20250207.1.001
Date Collected: 02/07/2025	Lot No.: PID-GC241108PUP
Report Type: Compliance	Lot Size: 1017 units
Company Info: Glenna & Co., Rush, New York (OCM-AUCP-22-000014)	





Total THC: 21.17% w/w

Total CBD: ND

Total Cannabinoids: 23.93% w/w

Heavy Metals

Pass

Pesticides

Pass

Microbes

Pass

Solvents

Not Tested

Mycotoxins

Pass

Water Activity

Pass

Filth

Pass

Moisture

Pass

Terpenes

Pass

OCM Permit No. - OCM-CPL-2022-00012  
ISO/IEC 17025 L23-877

*Brandy Young Jgamana*

MANAGED BY: Brandy Young, PhD (Lab Director)

3/17/25


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.  
COA Cover Sheet/Form F\_QCD\_17 /Version 1.1/Effective 21March2025



<https://glennas.com/wp-content/uploads/2025/3/PID-GC241108PUP.pdf>





Compliance ✔

**CERTIFICATE OF ANALYSIS**

Glenna & Co.  
Rush, NY

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**Sample Name** Purple Punch

<b>Sample Type:</b> Flower	<b>Sample ID:</b> 20250207.1.001
<b>Serving Size:</b> 1.0g	<b>Submitted:</b> 02/07/2025
<b>Lot No./Lot size:</b> PID-GC241108PUP / 1017 units	<b>Started:</b> 09-Mar-25, 16:00:12
<b>Collection site:</b> Glenna & Co.	<b>Reported:</b> 03/17/2025
<b>Collection date:</b> 02/07/2025	<b>Collection time:</b> 11:27AM

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**13 Panel Cannabinoid Profile**

\*Total cannabinoid results reflect the absolute sum of all cannabinoids detected.  
 \*\*Total THC & CBD is determined by the following:  
 (1) Total THC = (THCA-A \* 0.877) + Δ8THC + Δ9THC + RS-Δ10THC + RR-Δ10THC  
 (2) Total CBD = (CBDA \* 0.877) + CBD  
 ND = None Detected  
 <LOQ = Below the LOQ  
 N/A = Not Applicable for this sample  
 Instrument - Hgasoliva  
 Method - W\_SOP\_01  
 Form 1\_SOP\_14  
 Version 1.3  
 Effective 3/21/2025

COMPOUND	LOQ (PPM)	RESULT (mg/serving)	RESULT (%w/w)	RESULT (moisture corrected) (mg/serving)	RESULT (moisture corrected) (%w/w)
Δ9THC	1.0	13.9	1.39	15.3	1.53
Δ8THC	1.0	ND	ND	ND	ND
RS-Δ10THC	1.0	ND	ND	ND	ND
RR-Δ10THC	1.0	ND	ND	ND	ND
THCA-A	1.0	203.6	20.36	224.0	22.40
THCV	1.0	ND	ND	ND	ND
CBD	1.0	ND	ND	ND	ND
CBDA	1.0	ND	ND	ND	ND
CBDV	1.0	ND	ND	ND	ND
CBN	1.0	ND	ND	ND	ND
CBG	1.0	ND	ND	ND	ND
CBGA	1.0	<LOQ	<LOQ	<LOQ	<LOQ
CBC	1.0	<LOQ	<LOQ	<LOQ	<LOQ
<b>TOTAL CANNABINOIDS **</b>		217.5 mg/serving	21.75 %w/w	239.3 mg/serving	23.93 %w/w
<b>TOTAL THC **</b>		192.5 mg/serving	19.25 %w/w	211.7 mg/serving	21.17 %w/w
<b>TOTAL CBD **</b>		ND mg/serving	ND %w/w	ND mg/serving	ND %w/w

---

**Moisture Content**

\*\*\*Pass: sample Moisture is between 5.0% - 15.0%  
 \*\*\*Fail: sample Moisture is <5.0% or >15.0%  
 N/A = Not Applicable for this sample  
 Instrument - UCL  
 Method - W\_SOP\_04

%MOISTURE & MOISTURE CORRECTED VALUES	Pass	Fail	N/A
<b>SAMPLE % MOISTURE CONTENT***</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	9.09%		
	1/9/25 1:20PM		

NOTES:  
<INCLUDE ANY NOTES HERE>

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OCM Permit No. - OCM-CPL-2022-00012  
ISO/IEC 17025 L23-877

*Brandy Young Gzamani*


MANAGED BY: Brandy Young, PhD (Lab Director) DATE

3/17/25

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Certainty Analytical Labs | 260 East Main St., Suite 6411, Rochester, NY, 14604 | 585-237-8497 | www.certaintyanalytical.com



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License #: OCM-CPL-00012

**Certificate of Analysis**  
Final




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Date Released: 3/12/2025 10:07:54AM  
Report #: 48077


**20250207.1.001**


**Sample #:** 12094, **Weight:** 20.00g, **Unit Count:** 1  
**Order #:** XZ50305-0005  
**Category/Type:** Plant, Flower - Cured  
**Date Collected:** 3/5/2025 9:05:18AM  
**Date Received:** 3/5/2025 9:21:54AM  
**Date Sampled:** 3/5/2025 9:21:54AM  
**Regulator Sample ID:** 20250207.1.001  
**Regulator Source Package ID:** 20250207.1.001  
**Regulator Batch ID:** 20250207.1.001


**Size:** Not Provided, **Unit Count:**


  
**Total Terpenes**  
0.745 %  
PASS


  
**Heavy Metals**  
PASS

  
**Microbials**  
PASS

  
**Pesticides**  
PASS

  
**Mycotoxins**  
PASS

  
**Foreign Matter**  
PASS

  
**Water Activity**  
PASS

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**Terpenes by HS-GC-MS** Date Completed: 03/11/2025 6:53PM

Caryophyllene

Limonene


Humulene

Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-caryophyllene	87-44-5	0.1000	0.3827	
Limonene	5989-27-5	0.1000	0.2398	
Alpha-humulene	6753-98-6	0.1000	0.1225	
Beta-myrcene	123-35-3	0.1000	ND	
Alpha-pinene	80-56-8	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	
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	

---


LOG: Level of Quantitation. ND= Not Detected. Date Sampled: Date and time sample was collected from client. Date Collected: Date and time sample was received at the laboratory. Date Received: Date and time sample entered the laboratory workflow.  
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Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
info@keystonestatetesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

Dr. Kelly Greenland, Lab Director




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Report Date: 03/12/2025 10:11:13AM



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**Sample #: 12094** **20250207.1.001**

Compound	CAS#	LOQ (%)	%	Relative Concentration
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	
Terpinol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	
Farnesene	502-61-4	0.1000	ND	

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

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**Foreign Matter by Microscopy** Pass

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.00100	2.0	ND	Pass
Mammalian Excreta	0.00100	0.03	ND	Pass
Stems	0.00100	5.0	ND	Pass

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

Analysis Date: 03/06/2025 1:47 pm

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**Water Activity** Pass

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.41	Pass

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

Analysis Date: 03/06/2025 1:47 pm

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**Pesticides by LCMSMS** Pass

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass
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
Chlorantraniliprole	0.0100	0.200	ND	Pass
Chlordane-alpha	0.0100	1.00	ND	Pass
Chlorfenapyr	0.0100	1.00	ND	Pass
Chloromequat 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


Analysis Date: 03/11/2025 12:34 pm

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1809 Vestal Pkwy E  
Vestal, NY 13850  
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InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
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**Sample #: 12094** **20250207.1.001**


Pesticides by LCMSMS Pass

Analysis Date: 03/11/2025 12:34 pm


Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass
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
Chlorantraniliprole	0.0100	0.200	ND	Pass
Chlordane-alpha	0.0100	1.00	ND	Pass
Chlorfenapyr	0.0100	1.00	ND	Pass
Chloromequat 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

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**Sample #: 12094** **20250207.1.001**


**Pesticides by LCMSMS** **Pass** Analysis Date: 03/11/2025 12:34 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Dimethomorph	0.0100	1.00	ND	Pass
Ethoprophos	0.0100	0.200	ND	Pass
Etofenprox	0.0100	0.400	ND	Pass
Etoxazole	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
Fonicamid	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
Metaxyl	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


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**Sample #: 12094** **20250207.1.001**

**Pesticides by LCMSMS** **Pass** Analysis Date: 03/11/2025 12:34 pm


Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Pentachloronitrobenzene	0.0100	1.00	ND	Pass
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

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


**Mycotoxins by LCMSMS** **Pass** Analysis Date: 03/11/2025 12:34 pm

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


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**Certainty**  
License #: OCM-CPL-00012

**Certificate of Analysis**

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**Sample #: 12094** **20250207.1.001**

**Mycotoxins by LCMSMS** **Pass** Analysis Date: 03/11/2025 12:34 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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.

---

**Heavy Metals by ICPMS** **Pass** Analysis Date: 03/07/2025 11:41 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2.00	ND	Pass
Arsenic	0.00100	0.200	0.0357	Pass
Cadmium	0.00150	0.200	0.00239	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	6.67	Pass
Lead	0.00250	0.500	0.0664	Pass
Mercury	0.000500	0.100	ND	Pass
Nickel	0.0100	5.00	ND	Pass

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


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**Micro by Petri & qPCR** **Pass** Analysis Date: 03/07/2025 12:04 pm


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		12000	Pass
Total Yeast & Mold	10		8000	Pass

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.  
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License #: OCM-CPL-00012

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Final



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**Sample #: 12094** **20250207.1.001**

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY125. 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". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.

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