

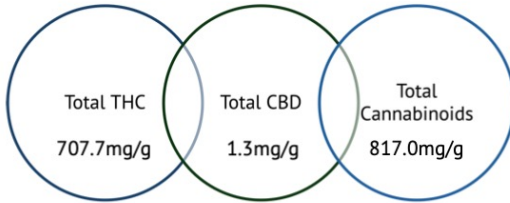
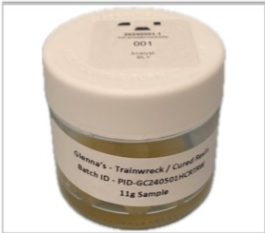
<https://glennas.com/coa-finder/>



Order Information

Batch Information

| | | | |
|------------------------|---|-------------------|--------------------|
| Sample Name: | Cured Resin - Trainwreck | Batch ID: | 20240501.1. |
| Sample Type: | Concentrate | Sample ID: | 20240501.1.001 |
| Date Collected: | 05/01/2024 | Lot No.: | PID-GC240501HRCTRW |
| Report Type: | Compliance | Lot Size: | 3,200g |
| Company Info: | Glenna & Co., Rush, New York (OCM-AUCP-22-000014) | | |



| | | |
|----------------------|--------------------|------------------------|
| Heavy Metals Pass | Pesticides Pass | Microbes Pass |
| Solvents Pass | Mycotoxins Pass | Water Activity Pass |
| Filth Pass | Moisture Pass | Terpenes Pass |

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

Brandy Young-Jamana

5/17/24

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/wp-content/uploads/2024/05/PID-GC240501HRCTRW.pdf>







Certainty
License #: ocmpl-2023-000012


Certificate of Analysis
Amended





Date Released: 5/16/2024 4:23:41PM
Report #: 16101



Total Cannabinoids
81.70 %
817.0 mg/g



Total THC
70.77 %
707.7 mg/g



Total CBD
0.1337 %
1.337 mg/g



Total Terpenes
3.8 %


Heavy Metals
PASS


Microbials
PASS


Residual Solvents
PASS


Pesticides
PASS


Mycotoxins
PASS

Trainwreck
Sample #: 4764, Weight: 11.00g, Unit Count:
Order #: X240502-0035
Category/Type: Concentrates & Extract, Concentrate
Date Collected: 5/2/2024 4:45:15PM
Date Received: 5/2/2024 5:26:53PM
Regulator Sample ID: 20240501.1.001
Regulator Source Package ID: 20240501.1.001
Regulator Batch ID: 20240501.1.001
Size: Not Provided, Unit Count:


Potency Analysis by HPLC
Total Cannabinoids: **81.70 % - 817.0 mg/g**
Total THC: **70.77 % - 707.7 mg/g**
Total CBD: **0.1337 % - 1.337 mg/g**
Date Completed: 05/16/2024 10:49AM

| Compound | CAS# | LOQ (%) | % | mg/g | Relative Concentration |
|------------|------------|----------|--------|-------|------------------------|
| THCa | 23978-85-0 | 0.001000 | 76.55 | 765.5 | |
| d9-THC | 1972-08-3 | 0.001000 | 3.639 | 36.39 | |
| CBGa | 25555-57-1 | 0.001000 | 1.360 | 13.60 | |
| CBDa | 1244-58-2 | 0.001000 | 0.1524 | 1.524 | |
| d8-THC | 5957-75-5 | 0.001000 | ND | ND | |
| d10/d8-THC | 95543-62-7 | 0.001000 | ND | ND | |
| d10/d9-THC | 95588-87-7 | 0.001000 | ND | ND | |
| THCV | 31282-37-0 | 0.001000 | ND | ND | |
| CBD | 13956-29-1 | 0.001000 | ND | ND | |
| CBDV | 24274-48-4 | 0.001000 | ND | ND | |
| CBC | 20675-51-8 | 0.001000 | ND | ND | |
| CBG | 25854-31-3 | 0.001000 | ND | ND | |
| CBN | 521-35-7 | 0.001000 | 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. Unless otherwise stated all QC passed.
d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.


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If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.




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 Dr. Kelly Greenland, Lab Director




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Certainty
License #: ocmpl-2023-000012

Certificate of Analysis
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Sample #: 4764 **Trainwreck**

Terpenes by HS-GC-MS

Caryophyllene

Limonene


Limonene

| Compound | CAS# | LOQ (%) | % | Relative Concentration |
|---------------------|------------|---------|--------|------------------------|
| Beta-caryophyllene | 87-44-5 | 0.1000 | 1.367 | |
| Farnesene | 502-61-4 | 0.1000 | 1.025 | |
| Alpha-humulene | 6753-98-6 | 0.1000 | 0.4422 | |
| Limonene | 5989-27-5 | 0.1000 | 0.4035 | |
| Beta-myrcene | 123-35-3 | 0.1000 | 0.2334 | |
| Valencene | 4630-07-3 | 0.1000 | 0.1770 | |
| Alpha-cedrene | 469-61-4 | 0.1000 | 0.1039 | |
| 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 | |
| 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 | |
| Alpha-phellandrene | 99-83-2 | 0.1000 | ND | |


Date Completed: 05/06/2024 8:17AM


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Certainty
License #: ocmppil-2023-000012

Certificate of Analysis
Amended



Sample #: 4764 **Trainwreck**

| Compound | CAS# | LOQ (%) | % | Relative Concentration |
|------------------|------------|---------|----|------------------------|
| Camphor | 464-49-3 | 0.1000 | ND | |
| 3-Carene | 13466-78-9 | 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.

Pesticides by LCMSMS


Pass

Analysis Date: 05/06/2024 1:57 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 |

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Dr. Kelly Greenland, Lab Director




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Certainty
License #: ocmppil-2023-000012

Certificate of Analysis
Amended



Sample #: 4764 **Trainwreck**

Pesticides by LCMSMS


Pass

Analysis Date: 05/06/2024 1:57 pm


| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------------|------------|---------------|---------------|--------|
| 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 |
| Chloridane-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 |
| 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 |
| Flonicamid | 0.0100 | 1.00 | ND | Pass |

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Certificate of Analysis
Amended



Sample #: 4764 **Trainwreck**

Pesticides by LCMSMS


Pass

Analysis Date: 05/06/2024 1:57 pm


| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-------------------------|------------|---------------|---------------|--------|
| 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 |
| Paclitubtrazol | 0.0100 | 0.400 | ND | Pass |
| 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 |

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Dr. Kelly Greenland, Lab Director




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License #: ocmppil-2023-000012

Certificate of Analysis
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Sample #: 4764 **Trainwreck**

Pesticides by LCMSMS

Pass

Analysis Date: 05/06/2024 1:57 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|------------------|------------|---------------|---------------|--------|
| 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 by using P-NY150. Unless otherwise stated, all GC passed.

Residual Solvents by HS-GC-MS


Pass

Analysis Date: 05/06/2024 10:03 am


| 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 |
| 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 |

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Dr. Kelly Greenland, Lab Director




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Certainty
License #: ocmppil-2023-000012

Certificate of Analysis
Amended



Sample #: 4764 **Trainwreck**

Residual Solvents by HS-GC-MS **Pass**

Analysis Date: 05/06/2024 10:03 am

| Compound | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|--------------------------|-----------|--------------|--------------|--------|
| Methanol | 50.00 | 3000 | ND | Pass |
| Methylene chloride | 50.00 | 600 | ND | Pass |
| Pentanes 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 GC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS **Pass**

Analysis Date: 05/06/2024 1:57 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 |
| 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 GC passed.


Heavy Metals by ICPMS **Pass**

Analysis Date: 05/06/2024 10:37 am


| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100 | 2.00 | ND | Pass |
| Arsenic | 0.00100 | 0.200 | ND | Pass |
| Cadmium | 0.00150 | 0.300 | ND | Pass |
| Chromium | 0.280 | 110 | ND | Pass |
| Copper | 0.0750 | 30.0 | ND | Pass |

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Report Date: 05/16/2024 4:27:14PA



Certainty
License #: ocmppil-2023-000012

Certificate of Analysis
Amended



Sample #: 4764 **Trainwreck**

Heavy Metals by ICPMS **Pass**

Analysis Date: 05/06/2024 10:37 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Lead | 0.00250 | 0.500 | 0.0368 | Pass |
| Mercury | 0.000500 | 0.100 | 0.000862 | Pass |
| Nickel | 0.0100 | 2.00 | 0.0487 | Pass |

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

Micro by Petri & qPCR **Pass**


Analysis Date: 05/08/2024 8:44 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 GC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".

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