



# Certificate of Analysis



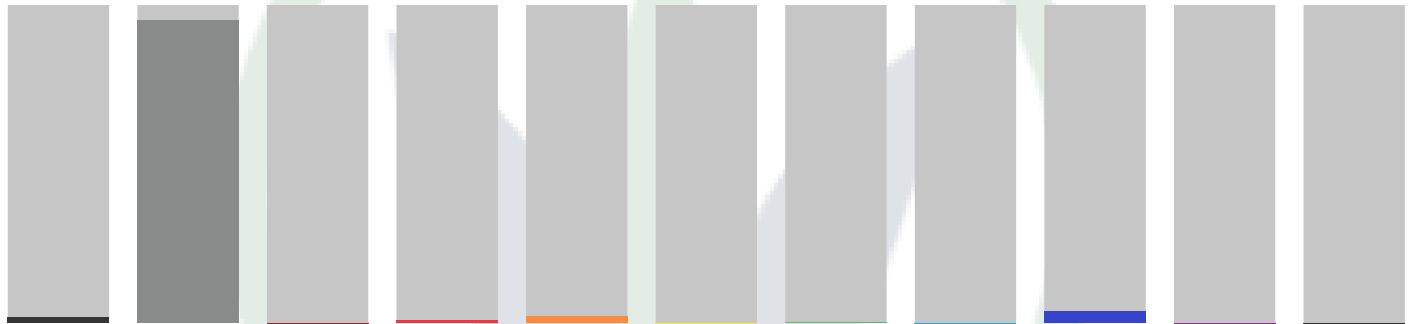
**GI TIN FS 500**  
**Matrix:** Derivative  
**Accession Number:** 093021UD0001  
**Harvest/Lot ID:** GITINFS500-210722-01  
**Seed to Sale:** \*  
**Batch Date:** 09/27/21  
**Batch #:** 210722-01  
**Sample Size Received:** 30 ml  
**Retail Product Size:** 30 ml  
**Ordered:** 09/27/21  
**Completed:** 10/05/21  
**Expires:** 10/04/22  
**Sampling Method:** SOP Client Method

Oct 05, 2021 | Green Infusion

313 Washington St. West  
 Charleston, WV, 25302  
 681-265-5073

## CANNABINOID RESULTS

|                                   |                                   |  |
|-----------------------------------|-----------------------------------|--|
| <b>Total THC</b><br><b>0.058%</b> | <b>Total CBD</b><br><b>1.505%</b> | <b>Total Cannabinoids</b><br><b>1.635%</b> |
|-----------------------------------|-----------------------------------|--|



|             | CBC   | CBD    | CBDA | CBDV  | CBG   | CBGA | CBN   | D8-THC | D9-THC | THCA | THCV |
|-------------|-------|--------|------|-------|-------|------|-------|--------|--------|------|------|
| Conc.(wt%)  | 0.025 | 1.505  | ND   | 0.013 | 0.030 | ND   | 0.004 | ND     | 0.058  | ND   | ND   |
| Conc.(mg/g) | 0.250 | 15.050 | ND   | 0.130 | 0.300 | ND   | 0.040 | ND     | 0.580  | ND   | ND   |
| LOQ         | 0.04  | 0.04   | 0.04 | 0.04  | 0.04  | 0.04 | 0.04  | 0.04   | 0.04   | 0.04 | 0.04 |

| Analyzed by | Date       | Instrument used      | Analysis Method |
|-------------|------------|----------------------|-----------------|
| TW          | 10/01/2021 | Shimadzu HPLC w/ PDA | SOP.KY.02.012   |

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-PDA). SOP.KY.02.005 for sample prep and SOP.KY.02.012 for analysis. % = %w/w = Percent (Weight of Analyte/Weight Product) Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. \*\*Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation Total THC = THC + (THCa\*0.877) Total CBD = CBD + (CBDa\*0.877)

|                                   |               |
|-----------------------------------|---------------|
| <b>Filth &amp; Foreign Matter</b> | <b>PASSED</b> |
|-----------------------------------|---------------|

| Analyzed by | Date       | Instrument used      | Analysis Method |
|-------------|------------|----------------------|-----------------|
| DB          | 10/01/2021 | Microscope (Amscope) | SOP.KY.02.011   |

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection. (Method: SOP.KY.02.011)

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**Daniel Burriss**  
 Lab Director  
 State License # 19-05-02P  
 ISO/IEC 17025:2017

10/05/21



Signature \_\_\_\_\_ Signed On \_\_\_\_\_



# Certificate of Analysis

## Green Infusion

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 Charleston, WV, 25302  
**Telephone:** 681-265-5073  
**Email:** gincbd@outlook.com

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| Pesticides            |      |        |       |              |             | <b>PASSED</b>         |        |        |       |              |             |
|-----------------------|------|--------|-------|--------------|-------------|-----------------------|--------|--------|-------|--------------|-------------|
| Pesticides            | LLOQ | Result | Units | Action Level | Pass / Fail | Pesticides            | LLOQ   | Result | Units | Action Level | Pass / Fail |
| Abamectin B1a         | 0.02 | ND     | ppm   | 0.5          | PASS        | Acephate              | 0.01   | ND     | ppm   | 0.4          | PASS        |
| Acequinocyl           | 0.05 | ND     | ppm   | 2            | PASS        | Acetamiprid           | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Aldicarb              | 0.02 | ND     | ppm   | 0.4          | PASS        | Azoxystrobin          | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Bifenazate            | 0.01 | ND     | ppm   | 3.0          | PASS        | Bifenthrin            | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Boscalid              | 0.01 | ND     | ppm   | 0.4          | PASS        | Carbaryl              | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Carbofuran            | 0.01 | ND     | ppm   | 0.2          | PASS        | Chlorantraniliprole   | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Chlorpyrifos          | 0.01 | ND     | ppm   | 0.2          | PASS        | cis-Permethrin        | 0.0041 | ND     | ppm   | 0.4          | PASS        |
| Clofentezine          | 0.01 | ND     | ppm   | 0.2          | PASS        | Coumaphos             | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Cypermethrin          | 0.02 | ND     | ppm   | 1            | PASS        | Daminozide            | 0.02   | ND     | ppm   | 1            | PASS        |
| Diazanone             | 0.01 | ND     | ppm   | 0.2          | PASS        | Dichlorvos            | 0.05   | ND     | ppm   | 0.1          | PASS        |
| Dimethoate            | 0.01 | ND     | ppm   | 0.2          | PASS        | Dimethomorph          | 0.005  | ND     | ppm   | 0.1          | PASS        |
| Ethoprophos           | 0.01 | ND     | ppm   | 0.2          | PASS        | Etofenprox            | 0.01   | ND     | ppm   | 0.4          | PASS        |
| Etoxazole             | 0.01 | ND     | ppm   | 0.2          | PASS        | Fenhexamid            | 0.005  | ND     | ppm   | 0.1          | PASS        |
| Fenoxycarb            | 0.01 | ND     | ppm   | 0.2          | PASS        | Fenpyroximate         | 0.01   | ND     | ppm   | 0.4          | PASS        |
| Fipronil              | 0.02 | ND     | ppm   | 0.4          | PASS        | Flonicamid            | 0.01   | ND     | ppm   | 1            | PASS        |
| Fludioxonil           | 0.01 | ND     | ppm   | 0.4          | PASS        | Hexythiazox           | 0.01   | ND     | ppm   | 1            | PASS        |
| Imazalil              | 0.01 | ND     | ppm   | 0.2          | PASS        | Imidacloprid          | 0.01   | ND     | ppm   | 0.4          | PASS        |
| Kresoxim-Methyl       | 0.01 | ND     | ppm   | 0.4          | PASS        | Malathion             | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Metalaxyl             | 0.01 | ND     | ppm   | 0.2          | PASS        | Methiocarb            | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Methomyl              | 0.01 | ND     | ppm   | 0.4          | PASS        | Mevinphos             | 0.01   | ND     | ppm   | 0.1          | PASS        |
| Myclobutanil          | 0.01 | ND     | ppm   | 0.2          | PASS        | Naled                 | 0.01   | ND     | ppm   | 0.5          | PASS        |
| Oxamyl                | 0.01 | ND     | ppm   | 1            | PASS        | Paclobutrazol         | 0.01   | ND     | ppm   | 0.4          | PASS        |
| Permethrins (sum)     | 0.05 | ND     | ppm   | 1            | PASS        | Phosmet               | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Piperonyl Butoxide    | 0.01 | ND     | ppm   | 2            | PASS        | Prallethrin           | 0.05   | ND     | ppm   | 0.2          | PASS        |
| Propiconazole         | 0.01 | ND     | ppm   | 0.4          | PASS        | Propoxur              | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Pyrethrin I           | 0.01 | ND     | ppm   | 1            | PASS        | Pyridaben             | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Spinetoram            | 0.01 | ND     | ppm   | 0.5          | PASS        | Spinosad (Spinosyn A) | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Spinosad (Spinosyn D) | 0.01 | ND     | ppm   | 0.2          | PASS        | Spiromesifen          | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Spirotetramat         | 0.02 | ND     | ppm   | 0.2          | PASS        | Spiroxamine           | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Tebuconazole          | 0.01 | ND     | ppm   | 0.4          | PASS        | Thiacloprid           | 0.01   | ND     | ppm   | 0.2          | PASS        |
| Thiamethoxam          | 0.01 | ND     | ppm   | 0.2          | PASS        | trans-Permethrin      | 0.0118 | ND     | ppm   | 0.4          | PASS        |
| Trifloxystrobin       | 0.01 | ND     | ppm   | 0.2          | PASS        |                       |        |        |       |              |             |

| Analyzed by | Date       | Instrument used      | Analysis Method |
|-------------|------------|----------------------|-----------------|
| DB          | 10/01/2021 | Shimadzu LCMSMS 8060 | SOP.KY.02.022   |

Pesticide screening is performed using LC/MS/MS which can screen down to below single digit ppb concentrations for the 57 pesticides analyzed. (Method: SOP.KY.02.022)

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**Daniel Burriss**

 Lab Director  
 State License # 19-05-02P  
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|                   |               |
|-------------------|---------------|
| <b>Mycotoxins</b> | <b>PASSED</b> |
|-------------------|---------------|

| Analyte       | LLOQ  | Result | Units | Action Level | Pass / Fail | Analyte      | LLOQ  | Result | Units | Action Level | Pass / Fail |
|---------------|-------|--------|-------|--------------|-------------|--------------|-------|--------|-------|--------------|-------------|
| Aflatoxin B1  | 0.001 | ND     | ppm   | 0.2          | PASS        | Aflatoxin B2 | 0.001 | ND     | ppm   | 0.2          | PASS        |
| Aflatoxin G1  | 0.001 | ND     | ppm   | 0.2          | PASS        | Aflatoxin G2 | 0.001 | ND     | ppm   | 0.2          | PASS        |
| Ochratoxin A+ | 0.001 | ND     | ppm   | 0.2          | PASS        |              |       |        |       |              |             |

| Analyzed by | Date       | Instrument used      | Analysis Method |
|-------------|------------|----------------------|-----------------|
| DB          | 10/01/2021 | Shimadzu LCMSMS 8060 | SOP.KY.02.022   |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC/MS/MS. (Method: SOP.KY.02.022)

|                          |               |
|--------------------------|---------------|
| <b>Residual Solvents</b> | <b>PASSED</b> |
|--------------------------|---------------|

| Solvent       | LLOQ | Result | Units | Action Level (PPM) | Pass/Fail |
|---------------|------|--------|-------|--------------------|-----------|
| 2-Propanol    | 60   | ND     | ppm   | 5000               | PASS      |
| Acetone       | 60   | ND     | ppm   | 5000               | PASS      |
| Acetonitrile  | 60   | ND     | ppm   | 410                | PASS      |
| Butane        | 200  | ND     | ppm   | 5000               | PASS      |
| Ethanol       | 80   | ND     | ppm   | 5000               | PASS      |
| Ethyl Acetate | 60   | ND     | ppm   | 5000               | PASS      |
| Ethyl Ether   | 40   | ND     | ppm   | 5000               | PASS      |
| Heptane       | 40   | ND     | ppm   | 5000               | PASS      |
| Hexane        | 40   | ND     | ppm   | 290                | PASS      |
| Isobutane     | 200  | ND     | ppm   | 5000               | PASS      |
| M/P-Xylene    | 80   | ND     | ppm   | 2170               | PASS      |
| Methanol      | 40   | ND     | ppm   | 3000               | PASS      |
| O-Xylene      | 40   | ND     | ppm   | 2170               | PASS      |
| Pentane       | 60   | ND     | ppm   | 5000               | PASS      |
| Propane       | 400  | ND     | ppm   | 5000               | PASS      |
| Toluene       | 40   | ND     | ppm   | 890                | PASS      |
| Total Xylenes | 120  | ND     | ppm   | 2170               | PASS      |

| Analyzed by | Date       | Instrument used   | Analysis Method |
|-------------|------------|-------------------|-----------------|
| DB          | 10/01/2021 | Shimadzu GC 2010+ | SOP.KY.02.016   |

Residual solvents testing for 16 common extraction solvents is performed via GC/MS. (Method: SOP.KY.02.024)

|                     |               |
|---------------------|---------------|
| <b>Heavy Metals</b> | <b>PASSED</b> |
|---------------------|---------------|

| Metal   | LLOQ | Result | Unit | Action Level | Pass / Fail |
|---------|------|--------|------|--------------|-------------|
| Arsenic | 0.2  | ND     | ppm  | 2            | PASS        |
| Cadmium | 0.2  | ND     | ppm  | 2            | PASS        |
| Lead    | 0.2  | ND     | ppm  | 5            | PASS        |
| Mercury | 0.2  | ND     | ppm  | 1            | PASS        |

| Analyzed by | Date       | Instrument used | Analysis Method |
|-------------|------------|-----------------|-----------------|
| DB          | 10/04/2021 | Shimadzu ICP/MS | SOP.KY.02.020   |

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen for toxic heavy metals (Arsenic, Cadmium, Lead, and Mercury). (Method SOP.KY.02.020)

|                   |               |
|-------------------|---------------|
| <b>Microbials</b> | <b>PASSED</b> |
|-------------------|---------------|

| Analyte               | Result                 |
|-----------------------|------------------------|
| Aspergillus Flavus    | not present in 1 gram. |
| Aspergillus Fumigatus | not present in 1 gram. |
| Aspergillus Niger     | not present in 1 gram. |
| Aspergillus Terreus   | not present in 1 gram. |
| E. Coli               | not present in 1 gram. |
| Salmonella            | not present in 1 gram. |

| Analyzed by | Date       | Instrument used | Analysis Method |
|-------------|------------|-----------------|-----------------|
| DG          | 10/01/2021 | PathogenDX      | SOP.KY.02.018   |

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.KY.02.018) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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