

300MG Matrix: N/A

Page 1 of 6

## **PHYSICIAN GRADE**

3071 NW 107 Ave miami FL, USA 33172 305-322-0839 chrismcg@fountainint.com





## SAMPLE:D808008-02

METRC/Biotrack#N/A Harvest/Lot ID: PG-004-18-A Batch#: 8225141, Batch Size: N/A -grams Ordered:

8/13/2018 Sampled:8/13/2018

Completed: 8/17/2018 2:40:29 PM Expires: 08/20/19

Sampling Method: SOP SOP Client Method

#### Safety **Image**



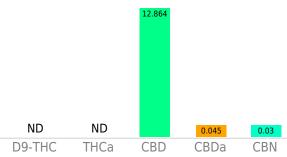
Pesticides - Tested Microbials - Tested Mycotoxins - Tested Heavy Metals - Tested Terpenes - NT Residual-Solvents - Tested Filth - Tested Water Activity - NT Moisture - NT

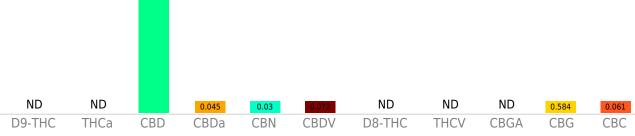
# Cannabinoids

| 0.00%         | 12.9%         |
|---------------|---------------|
| Total THC     | Total CBD     |
| 0.00mg%       | 305.97mg      |
| THC/Container | CBD/Container |

## Cannabinoids

| Analyte            | Weight(%) | mg/g   |
|--------------------|-----------|--------|
| D9-THC             | ND        | ND     |
| THCa               | ND        | ND     |
| TOTAL THC          | ND        | ND     |
| CBD                | 12.864    | 128.64 |
| CBDa               | 0.045     | 0.45   |
| TOTAL CBD          | 12.9      | 129    |
| CBN                | 0.03      | 0.3    |
| CBDV               | 0.072     | 0.72   |
| D8-THC             | ND        | ND     |
| THCV               | ND        | ND     |
| CBG                | 0.584     | 5.84   |
| CBGA               | ND        | ND     |
| CBC                | 0.061     | 0.61   |
| TOTAL CANNABINOIDS | 13.656    | 136.56 |







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Jorge Segredo Lab Director

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Completed: 8/17/2018 2:40:29 PM Expires: 08/20/19 Sampling Method: SOP SOP Client Method

| Pesticides          | LOQ  | <b>Action Level</b> | Result | Units | Туре  |
|---------------------|------|---------------------|--------|-------|---|
| Abamectin           | 0.01 | 0.5                 | ND     | ppm   | Insecticide   |
| Acephate            | 0.01 | 0.4                 | ND     | ppm   | Insecticide   |
| Acetamprid          | 0.01 | 0.2                 | ND     | ppm   | Insecticide   |
| Aldicarb            | 0.01 | 0.4                 | ND     | ppm   | Insecticide, Nematicide                               |
| Azoxystrobin        | 0.01 | 0.2                 | ND     | ppm   | Fungicide   |
| Bifenazate          | 0.01 | 0.2                 | ND     | ppm   | Insecticide   |
| Bifenthrin          | 0.01 | 0.2                 | ND     | ppm   | Acaricide, Insecticide                                |
| Boscalid            | 0.01 | 0.4                 | ND     | ppm   | Fungicide   |
| Carbaryl            | 0.01 | 0.2                 | ND     | ppm   | Insecticide   |
| Carbofuran          | 0.01 | 0.2                 | ND     | ppm   | Insecticide, Nematicide                               |
| Chlorantraniliprole | 0.01 | 0.2                 | ND     | ppm   | Insecticide   |
| Chlorpyrifos        | 0.01 | 0.2                 | ND     | ppm   | Organophosphate Insecticide                           |
| Clofentezine        | 0.01 | 0.2                 | ND     | ppm   | Tetrazine Acaricide                                   |
| Cyfluthrin          | 0.01 | 2                   | ND     | ppm   | Pyrethroid Insecticide                                |
| Cypermethrin        | 0.01 | 1                   | ND     | ppm   | Pyrethroid Insecticide, Veterinary substance          |
| Daminozide          | 0.01 | 1                   | ND     | ppm   | Plant growth regulator                                |
| DDVP (Dichloryos)   | 0.01 | 0.1                 | ND     | ppm   | Organophosphate Insecticide,<br>Acaricide, Metabolite |
| Diazinon            | 0.01 | 0.2                 | ND     | ppm   | Organophosphate Insecticide,<br>Acaricide, Repellent  |
| Dimethoate          | 0.01 | 0.2                 | ND     | ppm   | Organophosphate Insecticide,<br>Acaricide, Metabolite |
| Ethoprophos         | 0.01 | 0.2                 | ND     | ppm   | Insecticide, Nematicide                               |
| Etofenprox          | 0.01 | 0.4                 | ND     | ppm   | Pyrethroid Insecticide                                |
| Etoxazole           | 0.01 | 0.2                 | ND     | ppm   | Diphenyl oxazoline Acaricide                          |
| Fenoxycarb          | 0.01 | 0.2                 | ND     | ppm   | Carbamate Insecticide                                 |
| Fenpyroximate       | 0.01 | 0.4                 | ND     | ppm   | Pyrazolium Acaricide, Insecticide                     |
| Fipronil            | 0.01 | 0.4                 | ND     | ppm   | Phenylpyrazole Insecticide                            |
| Flonicamid          | 0.01 | 1                   | ND     | ppm   | Pyridine Insecticide, Aphicide                        |
| Fludioxonil         | 0.01 | 0.4                 |        | ppm   | Phenylpyrrole Fungicide                               |
| Hexythiazox         | 0.01 | 1                   | ND     | ppm   | Carboxamide Acaricide                                 |



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METRC/Biotrack#N/A Harvest/Lot ID: PG-004-18-A Batch#: 8225141, Batch Size: N/A -grams Ordered: 8/13/2018 Sampled:8/13/2018

Completed: 8/17/2018 2:40:29 PM Expires: 08/20/19 Sampling Method: SOP SOP Client Method

| Pesticides         | LOQ  | <b>Action Level</b> | Result | Units | Туре   |
|--------------------|------|---------------------|--------|-------|--|
| Imazalil           | 0.01 | 0.2                 | ND     | ppm   | Imidazole Fungicide                                    |
| Imadacloprid       | 0.01 | 0.4                 | ND     | ppm   | Neonicotinoid Insecticide                              |
| Kresoxim-methyl    | 0.01 | 0.4                 | ND     | ppm   | Strobilurin Fungicide, Bactericide                     |
| Malathion          | 0.01 | 0.2                 | ND     | ppm   | Organophosphate Insecticide,<br>Acaricide              |
| Metalaxyl          | 0.01 | 0.2                 | ND     | ppm   | Phenylamide Fungicide                                  |
| Methiocarb         | 0.01 | 0.2                 | ND     | ppm   | Carbamate Insecticide,<br>Molluscicide, Bird repellent |
| Methornyl          | 0.01 | 1                   | ND     | ppm   | Carbamate Insecticide, Acaricide,<br>Metabolite        |
| Myclubtanil        | 0.01 | 0.2                 | ND     | ppm   | Triazole Fungicide                                     |
| Naled              | 0.01 | 0.5                 | ND     | ppm   | Organophosphate Insecticide,<br>Acaricide              |
| Oxamyl             | 0.01 | 1                   | ND     | ppm   | Carbamate Insecticide, Acaricide,<br>Nematicide        |
| pacolbutazrol      | 0.01 | 0.4                 | ND     | ppm   | Triazole Plant growth regulator;<br>Fungicide          |
| permethrins        | 0.01 | 0.2                 | ND     | ppm   | Pyrethroid Insecticide                                 |
| phosmet            | 0.01 | 0.2                 | ND     | ppm   | Organophosphate Insecticide,<br>Acaricide              |
| piperonyl butoxide | 0.01 | 2                   | ND     | ppm   | Cyclic aromatic; Performance enhancer, Synergist       |
| prallathein        | 0.01 | 0.2                 | ND     | ppm   | Synthetic pyrethroid Insecticide                       |
| Propiconazole      | 0.01 | 0.4                 | ND     | ppm   | Triazole Fungicide                                     |
| Propoxur           | 0.01 | 0.2                 | ND     | ppm   | Carbamate Insecticide, Acaricide                       |
| Pyrethrins         | 0.01 | 1                   | ND     | ppm   | Insecticide  |
| Pyridaben          | 0.01 | 0.2                 | ND     | ppm   | Pyridazinone Insecticide, Acaricide                    |
| Spinsosad          | 0.01 | 0.2                 | ND     | ppm   | Insecticide  |
| Spiromesifen       | 0.01 | 0.2                 | ND     | ppm   | Tetronic acid Insecticide                              |
| Spirtetramat       | 0.01 | 0.2                 | ND     | ppm   | Tetramic acid Insecticide                              |
| Spiroxamine        | 0.01 | 0.4                 | ND     | ppm   | Morpholine Fungicide                                   |
| Tebuconazale       | 0.01 | 0.4                 | ND     | ppm   | Triazole Fungicide                                     |
| Thiacloprid        | 0.01 | 0.2                 | ND     | ppm   | Neonicotinoid Insecticide,<br>Molluscicide             |
| Thiamethoxam       | 0.01 | 0.2                 | ND     | ppm   | Neonicotinoid Insecticide                              |
| Trifloxystrobin    | 0.01 | 0.2                 | ND     | ppm   | Strobilurin Fungicide                                  |



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Completed: 8/17/2018 2:40:29 PM Expires: 08/20/19 Sampling Method: SOP SOP Client Method

| Residual solvent    | Action Level(ppm) | Pass/Fail | Results(ppm) |
|---------------------|-------------------|-----------|--------------|
| Propane             | 5000              | N/A       | ND           |
| iso-Butane          | 5000              | N/A       | ND           |
| n-Butane            | 5000              | N/A       | ND           |
| neo-pentane         | 5000              | N/A       | ND           |
| Methanol            | 3000              | Pass      | 52.6         |
| Ethylene-oxide      | 50                | N/A       | ND           |
| iso-Pentane         | 5000              | N/A       | ND           |
| Ethanol             | 5000              | Pass      | 68.4         |
| n-Pentane           | 5000              | N/A       | ND           |
| Ethyl Ether         | 5000              | N/A       | ND           |
| Acetone             | 5000              | Pass      | 82           |
| 2,2-Dimethylbutane  | 290               | N/A       | ND           |
| 2-Propanol          | 5000              | Pass      | 32           |
| Acetonitrile        | 410               | Pass      | 10.5         |
| Dichloromethane     | 600               | N/A       | ND           |
| 2-Methylpentane     | 290               | N/A       | ND           |
| 2,3-Dimethbutane    | 290               | N/A       | ND           |
| 3-Methylpentane     | 290               | N/A       | ND           |
| n-Hexane            | 290               | Pass      | 9.21         |
| Ethyl acetate       | 5000              | N/A       | ND           |
| 2-Butanol           | 5000              | N/A       | ND           |
| Tetrahydrofuran     | 720               | N/A       | ND           |
| Cyclohexane         | 3880              | N/A       | ND           |
| Isopropyl Acetate   | 5000              | N/A       | ND           |
| Benzene             | 2                 | Pass      | 0.06         |
| Heptane             | 5000              | Pass      | 4.66         |
| 1,4-Dioxane         | 380               | N/A       | ND           |
| 2-Ethoxyethanol     | 160               | N/A       | ND           |
| Toluene             | 890               | N/A       | ND           |
| Ethylbenzene        | 2170              | N/A       | ND           |
| 1,3-Dimethylbenzene | 890               | N/A       | ND           |
| 1,4-Dimethylbenzene | 2170              | N/A       | ND           |
| 1,2-Dimethylbenzene | 2170              | N/A       | ND           |
| Butanes             | 5000              | N/A       | ND           |
| Hexanes             | 290               | Pass      | 9.21         |
| Pentanes            | 5000              | N/A       | ND           |
| Xylenes             | 2170              | N/A       | ND           |
|                     |                   |           |              |



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Completed: 8/17/2018 2:40:29 PM Expires: 08/20/19 Sampling Method: SOP SOP Client Method

Analytical Batch: B8H0014

#### Cannabinoid Profile Test Result-Analysis Method: SOP.T.40.020, SOP.T.30.050 Analytical Batch: B8H0018

Dilution id factor#C filter id factor#C

Reagent LOT ID #

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

### Filth and foreign Materials-Analysis Method: SOP.T.40.013

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 use for inspection.

| Mycotoxin Analysis-Analysis MethodSOP.T.30.060, SOP.T.40.060 |           | Analytical Batch:B8H00 |  |
|--|-----------|------------------------|--|
| Analyte#   | Results#C | Action Level#C         |  |
| Aflatoxin B1   | ND        | 0.02                   |  |
| Aflatoxin B2   | ND        | 0.02                   |  |
| Aflatoxin G1   | ND        | 0.02                   |  |
| Aflatoxin G2   | ND        | 0.02                   |  |
| Ochratoxin A   | ND        | 0.02                   |  |
|  |           |                        |  |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

#### Micro Analysis-Analysis method :SOP.T.40.043

| Pathogens#            | Results#C        |
|-----------------------|------------------|
| Aspergillus niger     | Absent in 1 gram |
| Aspergillus terreus   | Absent in 1 gram |
| Salmonella            | Absent in 1 gram |
| Aspergillus flavus    | Absent in 1 gram |
| Aspergillus fumigatus | Absent in 1 gram |
| Escherichia coli      | Absent in 1 gram |

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.T.40.043) 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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## Pesticide Analysis-Analysis Method:SOP.T.30.060, SOP.T.40.060

solvent/reagent lot/ID #

solvent/reagent lot/ID #

Dilution factor #X

Analytical Batch :B8H0015

filter lot /ID #X

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 60 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS).

### Heavy Metals Analysis-Analysis-Method:SOP.T.40.050, SOP.T.30.052

Dilution factor #X

Analytical Batch: B8H0016

filter lot /ID #X

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

| Metal                              | Result | Action-Level |
|------------------------------------|--------|--------------|
| Arsenic                            | 0.014  | 1.5          |
| Cadmium                            | 0.006  | 0.5          |
| Lead                               | 0.035  | 0.5          |
| Mercury                            | 0.221  | 3            |
| Abbreviation:ppm=Parts Per Million |        |              |

### Residual SolventsAnalysis Method:SOP.T.40.032

Analytical Batch :B8H0019

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).



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