

Certificate of Analysis For:

## The Flowery

Laboratory ID:

**GE27006-02**

Sample Name:

**LFG-00000239**

|                              |                        |
|------------------------------|------------------------|
| <b>Cultivation Facility:</b> | <i>Homestead</i>       |
| <b>Processing Facility:</b>  | <i>Homestead</i>       |
| <b>Cultivar:</b>             | <i>Musty Buffalo</i>   |
| <b>Batch Name:</b>           | <i>LFG-00000239</i>    |
| <b>Batch Date:</b>           | <i>05/22/2022</i>      |
| <b>Batch Size:</b>           | <i>758 g</i>           |
| <b>Batch Unit Size:</b>      | <i>1 g</i>             |
| <b>Batch Units Sampled:</b>  | <i>15</i>              |
| <b>Total Amt. Sampled:</b>   | <i>15 g</i>            |
| <b>Sample Matrix:</b>        | <i>Preroll</i>         |
| <b>Product Name:</b>         | <i>Pre-Roll 1 x 1g</i> |



## The Flowery

30003 SW 197th Ave. Homestead, FL 33030

### LFG-00000239

Sample Alias: *Musty Buffalo*  
 Sample Date: 05/27/22  
 Sample Matrix: *Preroll*

Lab ID: **GE27006-02**  
 Received: 05/27/22 16:18  
 Completed: 06/01/22 16:14

#### POTENCY DETAILS

|             |            |
|-------------|------------|
| delta 9-THC | 1.26% dry  |
| CBD         | <LOQ% dry  |
| CBN         | 0.009% dry |
| THCa        | 19.9% dry  |
| CBDa        | 0.049% dry |
| delta 8-THC | <LOQ% dry  |
| CBGa        | 0.426% dry |
| THCV        | <LOQ% dry  |
| CBDV        | <LOQ% dry  |
| CBC         | 0.016% dry |
| CBG         | 0.063% dry |

**Total THC**  
18.7% (187.00 mg)

**Total CBD**  
0.043% (0.43 mg)

**Total Active Cannabinoids**  
21.723% (217.23 mg)

**Total CBG**  
0.437%

**Total CBN**  
0.009%

#### TERPENES

| Analyte            | %     |
|--------------------|-------|
| beta-Caryophyllene | 0.516 |
| alpha-Humulene     | 0.168 |
| alpha-Bisabolol    | 0.073 |
| Linalool           | 0.047 |
| alpha-Terpeneol    | 0.043 |
| d-Limonene         | 0.042 |
| Fenchyl Alcohol    | 0.038 |
| alpha-Pinene       | 0.012 |
| beta-Pinene        | 0.011 |

**Total Terpenes: 0.950%**

#### ANALYSIS SUMMARY

|              |           |                   |            |
|--------------|-----------|-------------------|------------|
| Potency      | Completed | Foreign Matter    | PASS       |
| Heavy Metals | PASS      | Homogeneity       | Not Tested |
| Microbials   | PASS      | Water Activity    | PASS       |
| Mycotoxins   | PASS      | Pesticides        | PASS       |
| % Moisture   | PASS      | Residual Solvents | Not Tested |
| Terpenes     | Completed |                   |            |

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LOQ = Limit of Quantification    ND = Non-Detect    RPD = Relative Percent Difference    MDL = Method Detection Limit    PQL = Practical Quantitation Limit

# LFG-0000239

Sample Alias: *Musty Buffalo*  
 Sample Date: 5/27/2022  
 Sample Matrix: Preroll

Lab ID: **GE27006-02**  
 Received: 05/27/22 16:18  
 Completed: 06/01/22 16:14

## Potency by HPLC

Batch: B2E3117      Prep By: -      Ana. By: 1022      Initial (g): 0.2007  
 SOP: MCS-SOP-002      Prep On: 5/31/22 11:20      Ana. On: 5/31/22 20:49      Final (g): 10

| Analyte ( % dry ) | Result | Diln | MDL   | PQL   | Analyte ( % dry ) | Result | Diln | MDL   | PQL   |
|-------------------|--------|------|-------|-------|-------------------|--------|------|-------|-------|
| Total THC         | 18.7   | 100  | 0.034 | 0.500 | Total CBD         | 0.043  | 1    | 0.001 | 0.005 |
| delta 8-THC       | ND     | 1    | 0.000 | 0.003 | delta 9-THC       | 1.26   | 100  | 0.018 | 0.266 |
| THCa              | 19.9   | 100  | 0.018 | 0.266 | THCV              | ND     | 1    | 0.000 | 0.003 |
| CBD               | ND     | 1    | 0.000 | 0.003 | CBDa              | 0.049  | 1    | 0.000 | 0.003 |
| CBDV              | ND     | 1    | 0.000 | 0.003 | CBC               | 0.016  | 1    | 0.001 | 0.003 |
| CBG               | 0.063  | 1    | 0.000 | 0.003 | CBGa              | 0.426  | 1    | 0.000 | 0.003 |
| CBN               | 0.009  | 1    | 0.000 | 0.003 |                   |        |      |       |       |

## Terpene Screen by GC/MS

Batch: B2E3119      Prep By: -      Ana. By: -      Initial (g): 0.1029  
 SOP: MCS-SOP-004      Prep On: 5/31/22 11:46      Ana. On: 6/1/22 03:06      Final (g): 10

| Analyte ( % dry )   | Result | Diln | MDL   | PQL   | Analyte ( % dry )        | Result | Diln | MDL   | PQL   |
|---------------------|--------|------|-------|-------|--------------------------|--------|------|-------|-------|
| alpha-Pinene        | 0.012  | 1    | 0.005 | 0.010 | Camphene                 | ND     | 1    | 0.005 | 0.010 |
| beta-Pinene         | 0.011  | 1    | 0.005 | 0.010 | 3-Carene                 | ND     | 1    | 0.005 | 0.010 |
| alpha-Terpinene     | ND     | 1    | 0.005 | 0.010 | Camphor                  | ND     | 1    | 0.005 | 0.010 |
| d-Limonene          | 0.042  | 1    | 0.005 | 0.010 | 1,8-Cineole (Eucalyptol) | ND     | 1    | 0.005 | 0.010 |
| gamma-Terpinene     | ND     | 1    | 0.005 | 0.010 | Terpinolene              | ND     | 1    | 0.005 | 0.010 |
| Isopulegol          | ND     | 1    | 0.005 | 0.010 | Linalool                 | 0.047  | 1    | 0.005 | 0.010 |
| Geraniol            | ND     | 1    | 0.005 | 0.010 | beta-Caryophyllene       | 0.516  | 1    | 0.005 | 0.010 |
| alpha-Humulene      | 0.168  | 1    | 0.005 | 0.010 | cis-Nerolidol            | ND     | 1    | 0.005 | 0.010 |
| Caryophyllene oxide | ND     | 1    | 0.005 | 0.010 | (+/-)-Fenchone           | ND     | 1    | 0.005 | 0.010 |
| (+/-)-Borneol       | ND     | 1    | 0.005 | 0.010 | (+)-Pulegone             | ND     | 1    | 0.005 | 0.010 |
| Cedrol              | ND     | 1    | 0.005 | 0.010 | Geranyl Acetate          | ND     | 1    | 0.005 | 0.010 |
| alpha-Bisabolol     | 0.073  | 1    | 0.005 | 0.010 | alpha-Phellandrene       | ND     | 1    | 0.005 | 0.010 |
| alpha-Terpineol     | 0.043  | 1    | 0.005 | 0.010 | Nerol                    | ND     | 1    | 0.005 | 0.010 |
| Sabinene            | ND     | 1    | 0.005 | 0.010 | Valencene                | ND     | 1    | 0.005 | 0.010 |
| beta-Myrcene        | ND     | 1    | 0.005 | 0.010 | Sabinene Hydrate         | ND     | 1    | 0.005 | 0.010 |
| alpha-Cedrene       | ND     | 1    | 0.005 | 0.010 | Fenchyl Alcohol          | 0.038  | 1    | 0.005 | 0.010 |
| Guaiol              | ND     | 1    | 0.005 | 0.010 | trans-Nerolidol          | ND     | 1    | 0.005 | 0.010 |
| Isoborneol          | ND     | 1    | 0.005 | 0.010 | Ocimene, Total           | ND     | 1    | 0.005 | 0.010 |
| gamma-Terpineol     | ND     | 1    | 0.005 | 0.010 | Menthol                  | ND     | 1    | 0.005 | 0.010 |

## Moisture by Vacuum Desiccation

Batch: B2E3122      Prep By: 1035      Ana. By: -      Initial (g): 1  
 SOP: MCS-SOP-G02      Prep On: 5/31/22 10:39      Ana. On: 5/31/22 14:09      Final (g): 1

| Analyte ( % )    | Result | Diln | Reg. Limit |
|------------------|--------|------|------------|
| Percent Moisture | 6.51   | 1    | 15         |

# LFG-0000239

Sample Alias: *Musty Buffalo*  
 Sample Date: 5/27/2022  
 Sample Matrix: Preroll

Lab ID: **GE27006-02**  
 Received: 05/27/22 16:18  
 Completed: 06/01/22 16:14

## Pesticides by LC-QQQ

Batch: B2E3118  
 SOP: MCS-SOP-001b

Prep By: -  
 Prep On: 5/31/22 10:38

Ana. By: 1018  
 Ana. On: 5/31/22 22:17

Initial (g): 1.0049  
 Final (g): 25

| Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL    | PQL    | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL    | PQL     |
|-----------------------|--------|------|------------|--------|--------|-----------------------|--------|------|------------|--------|---------|
| Abamectin, Total      | ND     | 10   | 100        | 13.085 | 53.219 | Acephate              | ND     | 10   | 100        | 10.415 | 26.609  |
| Acequinocyl           | ND     | 10   | 100        | 12.426 | 53.219 | Acetamiprid           | ND     | 10   | 100        | 16.125 | 26.609  |
| Aldicarb              | ND     | 10   | 100        | 13.715 | 26.609 | Azoxystrobin          | ND     | 10   | 100        | 3.469  | 13.305  |
| Bifenazate            | ND     | 10   | 100        | 3.911  | 26.609 | Bifenthrin            | ND     | 10   | 100        | 10.047 | 13.305  |
| Boscalid              | ND     | 10   | 100        | 19.398 | 53.219 | Carbaryl              | ND     | 10   | 500        | 7.692  | 26.609  |
| Carbofuran            | ND     | 10   | 100        | 2.437  | 13.305 | Chlorantraniliprole   | ND     | 10   | 1000       | 5.441  | 133.048 |
| Chloromequat chloride | ND     | 10   | 1000       | 9.967  | 53.219 | Chlorpyrifos          | ND     | 10   | 100        | 4.711  | 26.609  |
| Clofentezine          | ND     | 10   | 200        | 15.862 | 26.609 | Coumaphos             | ND     | 10   | 100        | 4.781  | 26.609  |
| Cyfluthrin            | ND     | 10   | 500        | 28.430 | 53.219 | Cypermethrin          | ND     | 10   | 500        | 12.099 | 133.048 |
| Daminozide            | ND     | 10   | 100        | 6.732  | 53.219 | Diazinon              | ND     | 10   | 100        | 3.400  | 13.305  |
| Dichlorvos            | ND     | 10   | 100        | 6.166  | 53.219 | Dimethoate            | ND     | 10   | 100        | 1.372  | 13.305  |
| Dimethomorph, Total   | ND     | 10   | 200        | 2.660  | 53.219 | Ethoprophos           | ND     | 10   | 100        | 2.516  | 13.305  |
| Etofenprox            | ND     | 10   | 100        | 13.562 | 26.609 | Etoxazole             | ND     | 10   | 100        | 16.390 | 26.609  |
| Fenhexamid            | ND     | 10   | 100        | 5.767  | 53.219 | Fenoxycarb            | ND     | 10   | 100        | 4.992  | 26.609  |
| Fenpyroximate         | ND     | 10   | 100        | 5.882  | 13.305 | Fipronil              | ND     | 10   | 100        | 15.221 | 53.219  |
| Flonicamid            | ND     | 10   | 100        | 7.362  | 26.609 | Fludioxonil           | ND     | 10   | 100        | 11.701 | 53.219  |
| Hexythiazox           | ND     | 10   | 100        | 6.239  | 13.305 | Imazalil              | ND     | 10   | 100        | 10.225 | 53.219  |
| Imidacloprid          | ND     | 10   | 400        | 18.395 | 26.609 | Kresoxim-Methyl       | ND     | 10   | 100        | 8.111  | 26.609  |
| Malathion             | ND     | 10   | 200        | 11.433 | 53.219 | Metalaxyl             | ND     | 10   | 100        | 4.761  | 13.305  |
| Methiocarb            | ND     | 10   | 100        | 12.603 | 26.609 | Methomyl              | ND     | 10   | 100        | 4.712  | 13.305  |
| Mevinphos             | ND     | 10   | 100        | 9.886  | 26.609 | Myclobutanil          | ND     | 10   | 100        | 17.362 | 26.609  |
| Dibrom (Naled)        | ND     | 10   | 250        | 6.425  | 53.219 | Oxamyl                | ND     | 10   | 500        | 2.485  | 13.305  |
| Paclobutrazol         | ND     | 10   | 100        | 13.009 | 26.609 | Permethrin            | ND     | 10   | 100        | 17.380 | 26.609  |
| Phosmet               | ND     | 10   | 100        | 9.761  | 26.609 | Piperonyl butoxide    | 129    | 10   | 3000       | 6.194  | 13.305  |
| Prallethrin           | ND     | 10   | 100        | 5.875  | 26.609 | Propiconazole (Tilt)  | ND     | 10   | 100        | 19.070 | 53.219  |
| Baygon (Propoxur)     | ND     | 10   | 100        | 5.798  | 13.305 | Pyrethrins, Total     | ND     | 10   | 500        | 11.687 | 53.219  |
| Pyridaben             | ND     | 10   | 200        | 6.661  | 13.305 | Spinetoram, Total     | ND     | 10   | 200        | 12.471 | 53.219  |
| Spiromesifen          | ND     | 10   | 100        | 2.385  | 13.305 | Spirotetramat         | ND     | 10   | 100        | 7.105  | 26.609  |
| Spiroxamine           | ND     | 10   | 100        | 7.256  | 13.305 | Tebuconazole          | ND     | 10   | 100        | 20.201 | 26.609  |
| Thiacloprid           | ND     | 10   | 100        | 15.362 | 26.609 | Thiamethoxam          | ND     | 10   | 500        | 16.924 | 26.609  |
| Trifloxystrobin       | ND     | 10   | 100        | 6.435  | 13.305 | Spinosad, Total       | ND     | 10   | 100        | 4.727  | 38.584  |

## Mycotoxins by LC-QQQ

Batch: B2E3118  
 SOP: MCS-SOP-001b

Prep By: -  
 Prep On: 5/31/22 10:38

Ana. By: 1018  
 Ana. On: 6/1/22 03:14

Initial (g): 1.0049  
 Final (g): 25

| Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL   | PQL   | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL   | PQL   |
|-----------------------|--------|------|------------|-------|-------|-----------------------|--------|------|------------|-------|-------|
| Aflatoxin, Total      | ND     | 10   | 20         | 9.951 | 9.951 | Ochratoxin A          | ND     | 10   | 20         | 2.508 | 9.951 |
| Aflatoxin G2          | ND     | 10   | 20         | 7.434 | 9.951 | Aflatoxin G1          | ND     | 10   | 20         | 3.224 | 9.951 |
| Aflatoxin B2          | ND     | 10   | 20         | 3.861 | 9.951 | Aflatoxin B1          | ND     | 10   | 20         | 2.926 | 9.951 |

## Pesticides by GC-QQQ

Batch: B2E3118  
 SOP: MCS-SOP-001a

Prep By: -  
 Prep On: 5/31/22 10:38

Ana. By: -  
 Ana. On: 5/31/22 19:26

Initial (g): 1.0049  
 Final (g): 25

| Analyte ( ug/kg dry )               | Result | Diln | Reg. Limit | MDL    | PQL    | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL    | PQL    |
|-------------------------------------|--------|------|------------|--------|--------|-----------------------|--------|------|------------|--------|--------|
| Pentachloronitrobenzene (quintozer) | ND     | 5    | 150        | 9.114  | 26.609 | Methyl parathion      | ND     | 5    | 100        | 4.550  | 26.609 |
| Captan                              | ND     | 5    | 700        | 13.105 | 26.609 | Chlordane, Total      | ND     | 5    | 100        | 10.378 | 26.609 |
| Chlorfenapyr                        | ND     | 5    | 100        | 11.602 | 26.609 |                       |        |      |            |        |        |

# LFG-0000239

Sample Alias: *Musty Buffalo*  
 Sample Date: 5/27/2022  
 Sample Matrix: Preroll

Lab ID: **GE27006-02**  
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 Completed: 06/01/22 16:14

## Microbials by Quantitative PCR

Batch: B2E2737  
 SOP: MCS-SOP-M01

Prep By: -  
 Prep On: 5/28/22 11:05

Ana. By: -  
 Ana. On: 5/29/22 14:15

Initial (g): 0.2536  
 Final (g): 3.55

| Analyte ( CFU )    | Result | Diln | Reg. Limit | MDL   | PQL   | Analyte ( CFU )       | Result | Diln | Reg. Limit | MDL   | PQL   |
|--------------------|--------|------|------------|-------|-------|-----------------------|--------|------|------------|-------|-------|
| Aspergillus flavus | Absent | 1    | 1          | 1.000 | 1.000 | Aspergillus fumigatus | Absent | 1    | 1          | 1.000 | 1.000 |
| Aspergillus niger  | Absent | 1    | 1          | 1.000 | 1.000 | Aspergillus terreus   | Absent | 1    | 1          | 1.000 | 1.000 |
| Aspergillus Total  | Absent | 1    | 1          | 1.000 | 1.000 | Salmonella            | Absent | 1    | 1          | 1.000 | 1.000 |
| Shiga Toxin E.coli | Absent | 1    | 1          | 1.000 | 1.000 | Yeast & Mold          | Absent | 2    | 100000     | 1000  | 1000  |

## Total Metals by ICP-MS

Batch: B2E3120  
 SOP: MCS-SOP-I01

Prep By: -  
 Prep On: 5/31/22 11:55

Ana. By: 1028  
 Ana. On: 5/31/22 15:09

Initial (g): 0.2517  
 Final (g): 25

| Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL    | PQL     | Analyte ( ug/kg dry ) | Result | Diln | Reg. Limit | MDL   | PQL    |
|-----------------------|--------|------|------------|--------|---------|-----------------------|--------|------|------------|-------|--------|
| Arsenic               | ND     | 1    | 200        | 63.105 | 106.237 | Cadmium               | 5.74   | 1    | 200        | 5.631 | 53.119 |
| Lead                  | ND     | 1    | 500        | 91.364 | 106.237 | Mercury               | 3.61   | 1    | 200        | 2.550 | 5.312  |

## Water Activity by REH

Batch: B2E3121  
 SOP: MCS-SOP-G03

Prep By: -  
 Prep On: 5/31/22 11:23

Ana. By: -  
 Ana. On: 5/31/22 13:26

Initial (g): 0.1033  
 Final (g): 0.1

| Analyte ( Aw )         | Result | Diln | Reg. Limit | MDL   | PQL   |
|------------------------|--------|------|------------|-------|-------|
| Activity of Water (Aw) | 0.511  | 1    | 0.65       | 0.040 | 0.040 |

## Foreign Matter

Batch: B2E3123  
 SOP: MCS-SOP-G01

Prep By: 1035  
 Prep On: 5/31/22 07:56

Ana. By: -  
 Ana. On: 5/31/22 09:00

Initial (g): 1  
 Final (g): 1

| Analyte ( P/A ) | Result | Diln | Reg. Limit | MDL   | PQL   |
|-----------------|--------|------|------------|-------|-------|
| Foreign Matter  | Absent | 1    | 1          | 1.000 | 1.000 |