

## Prussian Sticks - Bulk Flower - Lava Cake

METRC Batch: 1A406030000B7A0000617533  
METRC Sample: 1A406030000B7A0000617537

Sample ID: 2209ENC8417\_6866

Strain: Lava Cake

Matrix: Plant

Type: Flower - Cured

Batch#: 92722PRSLC

Collected: 09/29/2022

Received: 09/30/2022

Completed: 10/04/2022

Sample Size: 80 g; Batch: 22,679.6 g

Distributor

Flower Company

Lic. # C12-0000273-LIC

5560 West End Rd.,  
Arcata, CA, 95521

Producer

Monterey Ocean Grown-GH,  
LLC

Lic. # CCL21-0001768

2262 Alisal Rd  
Salinas, CA 93908



### Summary

| Test                 | Date Tested | Instr. Method        | Result            |
|----------------------|-------------|----------------------|-------------------|
| Batch                |             |                      | Pass              |
| Cannabinoids         | 10/03/2022  | LC-DAD               | Complete          |
| Terpenes             | 10/03/2022  | GC-MS                | Complete          |
| Moisture             | 10/03/2022  | Moisture Analyzer    | 14.51% - Complete |
| Water Activity       | 10/03/2022  | Water Activity Meter | 0.6112 aw - Pass  |
| Pesticides           | 10/03/2022  | LC-MS                | Pass              |
| Mycotoxins           | 10/03/2022  | LC-MS                | Pass              |
| Microbial Impurities | 10/04/2022  | qPCR                 | Pass              |
| Heavy Metals         | 10/04/2022  | ICP-MS               | Pass              |
| Foreign Matter       | 10/03/2022  | Visual Inspection    | Pass              |

### Cannabinoids

Method: SOP EL-CANNABINOIDS

**28.609 %**

Total THC

**0.058 %**

Total CBD

**30.049 %**

Total Cannabinoids

| Analytes                  | LOD   | LOQ   | Result        | Result        |
|---------------------------|-------|-------|---------------|---------------|
|                           | mg/g  | mg/g  | %             | mg/g          |
| THCa                      | 0.139 | 0.421 | 31.192        | 311.92        |
| Δ9-THC                    | 0.149 | 0.451 | 1.254         | 12.54         |
| Δ8-THC                    | 0.164 | 0.498 | ND            | ND            |
| THCVa                     | 0.160 | 0.486 | 0.101         | 1.01          |
| THCV                      | 0.166 | 0.502 | ND            | ND            |
| CBDa                      | 0.146 | 0.441 | 0.066         | 0.66          |
| CBD                       | 0.140 | 0.425 | ND            | ND            |
| CBN                       | 0.132 | 0.401 | ND            | ND            |
| CBGa                      | 0.158 | 0.479 | 0.857         | 8.57          |
| CBG                       | 0.146 | 0.442 | 0.115         | 1.15          |
| CBCa                      | 0.129 | 0.391 | 0.486         | 4.86          |
| CBC                       | 0.151 | 0.459 | ND            | ND            |
| <b>Total THC</b>          |       |       | <b>28.609</b> | <b>286.09</b> |
| <b>Total CBD</b>          |       |       | <b>0.058</b>  | <b>0.58</b>   |
| <b>Total Cannabinoids</b> |       |       | <b>30.049</b> | <b>300.49</b> |

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms \* 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



*Mary Beth Smith*  
Mary Beth Smith  
Compliance Manager | 10/04/2022



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### Terpenes

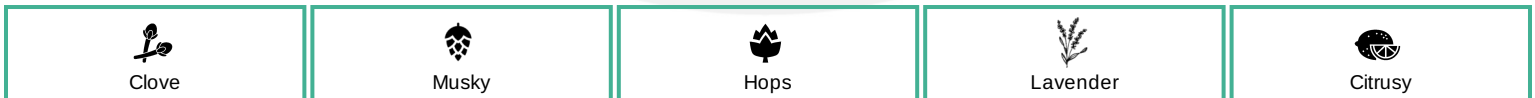
Method: EL-TERPENES

| Analytes            | LOD   | LOQ   | Result       | Result        |
|---------------------|-------|-------|--------------|---------------|
|                     | mg/g  | mg/g  | %            | mg/g          |
| β-Caryophyllene     | 0.056 | 0.220 | 0.718        | 7.18          |
| β-Myrcene           | 0.051 | 0.220 | 0.326        | 3.26          |
| α-Humulene          | 0.022 | 0.220 | 0.183        | 1.83          |
| Linalool            | 0.034 | 0.220 | 0.149        | 1.49          |
| δ-Limonene          | 0.027 | 0.220 | 0.051        | 0.51          |
| α-Bisabolol         | 0.067 | 0.220 | 0.033        | 0.33          |
| Caryophyllene Oxide | 0.066 | 0.220 | <LOQ         | <LOQ          |
| β-Pinene            | 0.030 | 0.220 | <LOQ         | <LOQ          |
| Fenchol             | 0.031 | 0.220 | <LOQ         | <LOQ          |
| α-Pinene            | 0.032 | 0.220 | <LOQ         | <LOQ          |
| Camphor             | 0.040 | 0.330 | <LOQ         | <LOQ          |
| Borneol             | 0.049 | 0.220 | ND           | ND            |
| Camphene            | 0.019 | 0.220 | ND           | ND            |
| δ-3-Carene          | 0.026 | 0.220 | ND           | ND            |
| α-Terpinene         | 0.040 | 0.220 | ND           | ND            |
| p-Cymene            | 0.021 | 0.220 | ND           | ND            |
| Eucalyptol          | 0.037 | 0.220 | ND           | ND            |
| γ-Terpinene         | 0.039 | 0.220 | ND           | ND            |
| Terpinolene         | 0.048 | 0.220 | ND           | ND            |
| Fenchone            | 0.035 | 0.220 | ND           | ND            |
| Valencene           | 0.057 | 0.220 | ND           | ND            |
| cis-Nerolidol       | 0.055 | 0.220 | ND           | ND            |
| trans-Nerolidol     | 0.071 | 0.220 | ND           | ND            |
| Guaiol              | 0.065 | 0.220 | ND           | ND            |
| Sabinene            | 0.022 | 0.220 | ND           | ND            |
| Sabinene Hydrate    | 0.042 | 0.220 | ND           | ND            |
| Isopulegol          | 0.068 | 0.441 | ND           | ND            |
| Isoborneol          | 0.019 | 0.220 | ND           | ND            |
| Menthol             | 0.067 | 0.220 | ND           | ND            |
| Nerol               | 0.046 | 1.101 | ND           | ND            |
| Pulegone            | 0.046 | 0.220 | ND           | ND            |
| Geraniol            | 0.063 | 1.101 | ND           | ND            |
| Geranyl Acetate     | 0.053 | 1.101 | ND           | ND            |
| α-Cedrene           | 0.040 | 0.220 | ND           | ND            |
| Cedrol              | 0.038 | 0.220 | ND           | ND            |
| <b>Total</b>        |       |       | <b>1.461</b> | <b>14.605</b> |

Date Tested: 10/03/2022

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### Primary Aromas



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### Pesticides

Method: EL-PESTMYCOLCMS

| Analytes            | LOD   | LOQ  | Limit | Result | Status | Analytes           | LOD   | LOQ   | Limit | Result | Status |
|---------------------|-------|------|-------|--------|--------|--------------------|-------|-------|-------|--------|--------|
|                     | µg/g  | µg/g | µg/g  | µg/g   |        |                    | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Abamectin           | 0.005 | 0.02 | 0.10  | ND     | Pass   | Fludioxonil        | 0.01  | 0.05  | 0.10  | ND     | Pass   |
| Acephate            | 0.002 | 0.01 | 0.10  | ND     | Pass   | Hexythiazox        | 0.005 | 0.02  | 0.10  | ND     | Pass   |
| Acequinocyl         | 0.01  | 0.02 | 0.10  | ND     | Pass   | Imazalil           | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Acetamiprid         | 0.005 | 0.02 | 0.10  | ND     | Pass   | Imidacloprid       | 0.005 | 0.02  | 5.00  | ND     | Pass   |
| Aldicarb            | 0.05  | 0.1  | 0.05  | ND     | Pass   | Kresoxim Methyl    | 0.005 | 0.02  | 0.10  | ND     | Pass   |
| Azoxystrobin        | 0.005 | 0.02 | 0.10  | ND     | Pass   | Malathion          | 0.02  | 0.05  | 0.50  | ND     | Pass   |
| Bifenazate          | 0.005 | 0.01 | 0.10  | ND     | Pass   | Metalaxyl          | 0.002 | 0.005 | 2.00  | ND     | Pass   |
| Bifenthrin          | 0.02  | 0.05 | 3.00  | ND     | Pass   | Methiocarb         | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Boscalid            | 0.02  | 0.05 | 0.10  | ND     | Pass   | Methomyl           | 0.01  | 0.02  | 1.00  | ND     | Pass   |
| Captan              | 0.2   | 0.3  | 0.70  | ND     | Pass   | Parathion Methyl   | 0.02  | 0.05  | 0.05  | ND     | Pass   |
| Carbaryl            | 0.02  | 0.05 | 0.50  | ND     | Pass   | Mevinphos          | 0.02  | 0.05  | 0.02  | ND     | Pass   |
| Carbofuran          | 0.05  | 0.1  | 0.05  | ND     | Pass   | Myclobutanil       | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Chlorantraniliprole | 0.002 | 0.01 | 10.00 | ND     | Pass   | Naled              | 0.01  | 0.02  | 0.10  | ND     | Pass   |
| Chlordane           | 0.05  | 0.1  | 0.05  | ND     | Pass   | Oxamyl             | 0.005 | 0.01  | 0.50  | ND     | Pass   |
| Chlorfenapyr        | 0.05  | 0.1  | 0.05  | ND     | Pass   | Paclobutrazol      | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Chlorpyrifos        | 0.05  | 0.1  | 0.05  | ND     | Pass   | PCNB               | 0.02  | 0.05  | 0.10  | ND     | Pass   |
| Clofentezine        | 0.01  | 0.02 | 0.10  | ND     | Pass   | Permethrin         | 0.02  | 0.05  | 0.50  | ND     | Pass   |
| Coumaphos           | 0.02  | 0.05 | 0.02  | ND     | Pass   | Phosmet            | 0.01  | 0.02  | 0.10  | ND     | Pass   |
| Cyfluthrin          | 0.05  | 0.1  | 2.00  | ND     | Pass   | Piperonyl Butoxide | 0.02  | 0.05  | 3.00  | ND     | Pass   |
| Cypermethrin        | 0.1   | 0.2  | 1.00  | ND     | Pass   | Prallethrin        | 0.005 | 0.02  | 0.10  | ND     | Pass   |
| Daminozide          | 0.02  | 0.05 | 0.02  | ND     | Pass   | Propiconazole      | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Diazinon            | 0.002 | 0.01 | 0.10  | ND     | Pass   | Propoxure          | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Dichlorvos          | 0.02  | 0.05 | 0.02  | ND     | Pass   | Pyrethrins         | 0.02  | 0.05  | 0.50  | ND     | Pass   |
| Dimethoate          | 0.02  | 0.05 | 0.02  | ND     | Pass   | Pyridaben          | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Dimethomorph        | 0.005 | 0.02 | 2.00  | ND     | Pass   | Spinetoram         | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Ethoprophos         | 0.05  | 0.1  | 0.05  | ND     | Pass   | Spinosad           | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Etofenprox          | 0.05  | 0.1  | 0.05  | ND     | Pass   | Spiromesifen       | 0.01  | 0.02  | 0.10  | ND     | Pass   |
| Etoazole            | 0.005 | 0.02 | 0.10  | ND     | Pass   | Spirotetramat      | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Fenhexamid          | 0.005 | 0.02 | 0.10  | ND     | Pass   | Spiroxamine        | 0.05  | 0.1   | 0.05  | ND     | Pass   |
| Fenoxycarb          | 0.05  | 0.1  | 0.05  | ND     | Pass   | Tebuconazole       | 0.005 | 0.01  | 0.10  | ND     | Pass   |
| Fenpyroximate       | 0.005 | 0.02 | 0.10  | ND     | Pass   | Thiacloprid        | 0.02  | 0.05  | 0.02  | ND     | Pass   |
| Fipronil            | 0.05  | 0.1  | 0.05  | ND     | Pass   | Thiamethoxam       | 0.005 | 0.01  | 5.00  | ND     | Pass   |
| Flonicamid          | 0.01  | 0.02 | 0.10  | ND     | Pass   | Trifloxystrobin    | 0.005 | 0.01  | 0.10  | ND     | Pass   |

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### Mycotoxins

Method: EL-PESTMYCOLCMS

| Analytes         | LOD   | LOQ   | Limit | Result | Status |
|------------------|-------|-------|-------|--------|--------|
|                  | µg/kg | µg/kg | µg/kg | µg/kg  |        |
| Aflatoxin B1     | 2.00  | 4.00  |       | ND     | Tested |
| Aflatoxin B2     | 2.00  | 4.00  |       | ND     | Tested |
| Aflatoxin G1     | 2.00  | 4.00  |       | ND     | Tested |
| Aflatoxin G2     | 2.00  | 4.00  |       | ND     | Tested |
| Ochratoxin A     | 1.00  | 2.00  | 20.00 | ND     | Pass   |
| Total Aflatoxins |       |       | 20.00 | ND     | Pass   |

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### Microbial Impurities

Method: SOP EL-MICROBIALS

| Analytes                               | Result             | Status |
|--|--------------------|--------|
| Aspergillus flavus                     | Not Detected in 1g | Pass   |
| Aspergillus fumigatus                  | Not Detected in 1g | Pass   |
| Aspergillus niger                      | Not Detected in 1g | Pass   |
| Aspergillus terreus                    | Not Detected in 1g | Pass   |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | Pass   |
| Salmonella spp                         | Not Detected in 1g | Pass   |

Date Tested: 10/04/2022

### Heavy Metals

Method: SOP EL-HEAVYMETALS

| Analytes | LOD   | LOQ   | Limit | Result | Status |
|----------|-------|-------|-------|--------|--------|
|          | µg/g  | µg/g  | µg/g  | µg/g   |        |
| Arsenic  | 0.012 | 0.036 | 0.200 | <LOQ   | Pass   |
| Cadmium  | 0.015 | 0.044 | 0.200 | ND     | Pass   |
| Lead     | 0.055 | 0.167 | 0.500 | ND     | Pass   |
| Mercury  | 0.005 | 0.015 | 0.100 | ND     | Pass   |

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