



12423 NE Whitaker Way  
 Portland, OR 97230  
 503-254-1794



**Report Number:** 21-013745/D012.R000  
**Report Date:** 12/01/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/22/21 10:49

**Customer:** Wildflower Hemp Co  
**Product identity:** 8 Sour Tsunami  
**Client/Metric ID:** .  
**Laboratory ID:** 21-013745-0011

### Summary

#### Potency:

| Analyte                      | Result (%) |  |                                       |
|------------------------------|------------|--|---------------------------------------|
| $\Delta^8$ -THC <sup>†</sup> | 82.3       |  | CBD-Total <LOQ                        |
| $\Delta^8$ -THCV             | 0.381      |  | THC-Total <LOQ                        |
| CBT <sup>†</sup>             | 0.135      |  | (Reported in percent of total sample) |

#### Terpenes:

| Analyte                              | Percent by weight | Percent of Total | Analyte                             | Percent by weight | Percent of Total |
|--------------------------------------|-------------------|------------------|-------------------------------------|-------------------|------------------|
| a-pinene <sup>†</sup>                | 1.16              | 35.47%           | $\beta$ -Myrcene <sup>†</sup>       | 0.890             | 27.22%           |
| (-)- $\beta$ -Pinene <sup>†</sup>    | 0.401             | 12.26%           | (R)-(+)-Limonene <sup>†</sup>       | 0.188             | 5.75%            |
| a-Bisabolol <sup>†</sup>             | 0.182             | 5.57%            | $\beta$ -Caryophyllene <sup>†</sup> | 0.155             | 4.74%            |
| (-)-caryophyllene oxide <sup>†</sup> | 0.119             | 3.64%            | Humulene <sup>†</sup>               | 0.0401            | 1.23%            |
| (-)-a-Terpineol <sup>†</sup>         | 0.0394            | 1.20%            | Linalool <sup>†</sup>               | 0.0353            | 1.08%            |
| (+)-fenchol <sup>†</sup>             | 0.0200            | 0.61%            | cis- $\beta$ -Ocimene <sup>†</sup>  | 0.0199            | 0.61%            |
| Camphene <sup>†</sup>                | 0.0191            | 0.58%            | <b>Total Terpenes<sup>†</sup></b>   | <b>3.27</b>       | <b>100.00%</b>   |



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**Customer:** Wildflower Hemp Co  
65686 Clive Falls Rd  
97703  
United States of America (USA)

**Product identity:** 8 Sour Tsunami

**Client/Metric ID:** .

**Sample Date:**

**Laboratory ID:** 21-013745-0011

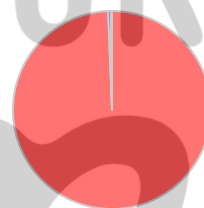
**Evidence of Cooling:** No

**Temp:** 21.2 °C

**Relinquished by:** UPS

### Sample Results

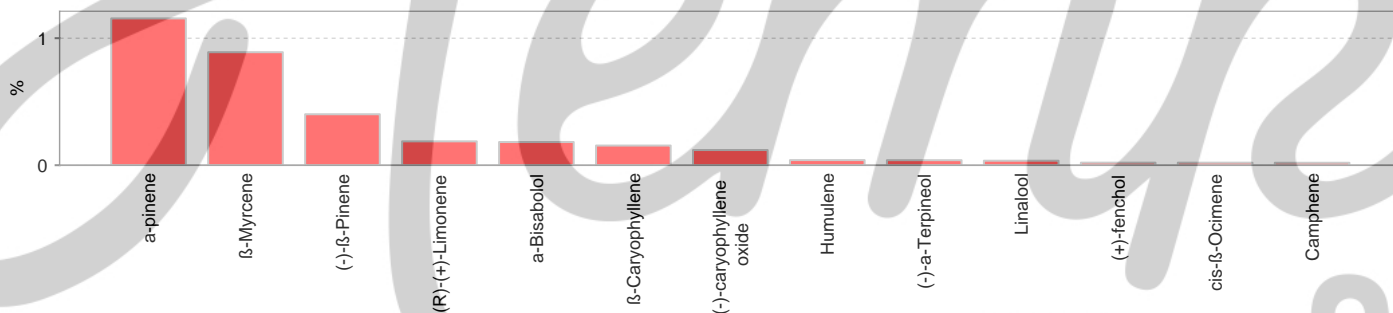
| Potency                    | Method J AOAC 2015 V98-6 (mod) | Units %    | Batch: 2110660 | Analyze: 11/24/21 8:23:00 PM |
|----------------------------|--------------------------------|------------|----------------|------------------------------|
| Analyte                    | As Received                    | Dry weight | LOQ            | Notes                        |
| CBC                        | < LOQ                          |            | 0.0900         |                              |
| CBC-A†                     | < LOQ                          |            | 0.0900         |                              |
| CBC-Total†                 | < LOQ                          |            | 0.169          |                              |
| CBD                        | < LOQ                          |            | 0.0900         |                              |
| CBD-A                      | < LOQ                          |            | 0.0900         |                              |
| CBD-Total                  | < LOQ                          |            | 0.169          |                              |
| CBDV†                      | < LOQ                          |            | 0.0900         |                              |
| CBDV-A†                    | < LOQ                          |            | 0.0900         |                              |
| CBDV-Total†                | < LOQ                          |            | 0.168          |                              |
| CBE†                       | < LOQ                          |            | 0.0900         |                              |
| CBG†                       | < LOQ                          |            | 0.0900         |                              |
| CBG-A†                     | < LOQ                          |            | 0.0900         |                              |
| CBG-Total                  | < LOQ                          |            | 0.168          |                              |
| CBL†                       | < LOQ                          |            | 0.0900         |                              |
| CBL-A†                     | < LOQ                          |            | 0.0900         |                              |
| CBL-Total†                 | < LOQ                          |            | 0.169          |                              |
| CBN                        | < LOQ                          |            | 0.0900         |                              |
| CBT†                       | 0.135                          |            | 0.0900         |                              |
| Δ8-THC†                    | 82.3                           |            | 0.900          |                              |
| Δ8-THCV                    | 0.381                          |            | 0.0900         |                              |
| Δ9-THC                     | < LOQ                          |            | 0.0900         |                              |
| THC-A                      | < LOQ                          |            | 0.0900         |                              |
| THC-Total                  | < LOQ                          |            | 0.169          |                              |
| THCV†                      | < LOQ                          |            | 0.0900         |                              |
| THCV-A†                    | < LOQ                          |            | 0.0900         |                              |
| THCV-Total†                | < LOQ                          |            | 0.168          |                              |
| <b>Total Cannabinoids†</b> | <b>82.8</b>                    |            |                |                              |



● 8-THC  
● 8-THCV  
● CBT



| Terpenes                             |             |       |            | Method J AOAC 2015 V98-6 | Units %                          | Batch 2110736 | Analyze 11/30/21 09:57 PM |            |       |
|--------------------------------------|-------------|-------|------------|--------------------------|----------------------------------|---------------|---------------------------|------------|-------|
| Analyte                              | Result      | LOQ   | % of Total | Notes                    | Analyte                          | Result        | LOQ                       | % of Total | Notes |
| a-pinene <sup>†</sup>                | 1.16        | 0.019 | 35.47%     |                          | β-Myrcene <sup>†</sup>           | 0.890         | 0.019                     | 27.217%    |       |
| (-)-β-Pinene <sup>†</sup>            | 0.401       | 0.019 | 12.263%    |                          | (R)-(+)-Limonene <sup>†</sup>    | 0.188         | 0.019                     | 5.749%     |       |
| a-Bisabolol <sup>†</sup>             | 0.182       | 0.019 | 5.566%     |                          | β-Caryophyllene <sup>†</sup>     | 0.155         | 0.019                     | 4.740%     |       |
| (-)-caryophyllene oxide <sup>†</sup> | 0.119       | 0.019 | 3.639%     |                          | Humulene <sup>†</sup>            | 0.0401        | 0.019                     | 1.2263%    |       |
| (-)-a-Terpineol <sup>†</sup>         | 0.0394      | 0.019 | 1.2049%    |                          | Linalool <sup>†</sup>            | 0.0353        | 0.019                     | 1.0795%    |       |
| (+)-fenchol <sup>†</sup>             | 0.0200      | 0.019 | 0.6116%    |                          | cis-β-Ocimene <sup>†</sup>       | 0.0199        | 0.006                     | 0.6086%    |       |
| Camphene <sup>†</sup>                | 0.0191      | 0.019 | 0.5841%    |                          | (+)-Borneol <sup>†</sup>         | < LOQ         | 0.019                     | 0.00%      |       |
| Menthol <sup>†</sup>                 | < LOQ       | 0.019 | 0.00%      |                          | gamma-Terpinene <sup>†</sup>     | < LOQ         | 0.019                     | 0.00%      |       |
| trans-β-Ocimene <sup>†</sup>         | < LOQ       | 0.012 | 0.00%      |                          | a-Terpinene <sup>†</sup>         | < LOQ         | 0.019                     | 0.00%      |       |
| nerol <sup>†</sup>                   | < LOQ       | 0.019 | 0.00%      |                          | Terpinolene <sup>†</sup>         | < LOQ         | 0.019                     | 0.00%      |       |
| Geranyl acetate <sup>†</sup>         | < LOQ       | 0.019 | 0.00%      |                          | (±)-Camphor <sup>†</sup>         | < LOQ         | 0.019                     | 0.00%      |       |
| Sabinene hydrate <sup>†</sup>        | < LOQ       | 0.019 | 0.00%      |                          | (+)-Pulegone <sup>†</sup>        | < LOQ         | 0.019                     | 0.00%      |       |
| Isoborneol <sup>†</sup>              | < LOQ       | 0.019 | 0.00%      |                          | (±)-trans-Nerolidol <sup>†</sup> | < LOQ         | 0.019                     | 0.00%      |       |
| d-3-Carene <sup>†</sup>              | < LOQ       | 0.019 | 0.00%      |                          | (±)-fenchone <sup>†</sup>        | < LOQ         | 0.019                     | 0.00%      |       |
| (-)-Isopulegol <sup>†</sup>          | < LOQ       | 0.019 | 0.00%      |                          | (-)-Guaiol <sup>†</sup>          | < LOQ         | 0.019                     | 0.00%      |       |
| (+)-Cedrol <sup>†</sup>              | < LOQ       | 0.019 | 0.00%      |                          | (±)-cis-Nerolidol <sup>†</sup>   | < LOQ         | 0.019                     | 0.00%      |       |
| a-cedrene <sup>†</sup>               | < LOQ       | 0.019 | 0.00%      |                          | a-phellandrene <sup>†</sup>      | < LOQ         | 0.019                     | 0.00%      |       |
| Eucalyptol <sup>†</sup>              | < LOQ       | 0.019 | 0.00%      |                          | farnesene <sup>†</sup>           | < LOQ         | 0.019                     | 0.00%      |       |
| Geraniol <sup>†</sup>                | < LOQ       | 0.019 | 0.00%      |                          | p-Cymene <sup>†</sup>            | < LOQ         | 0.019                     | 0.00%      |       |
| Sabinene <sup>†</sup>                | < LOQ       | 0.019 | 0.00%      |                          | valencene <sup>†</sup>           | < LOQ         | 0.019                     | 0.00%      |       |
| <b>Total Terpenes</b>                | <b>3.27</b> |       |            |                          |                                  |               |                           |            |       |





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These test results are representative of the individual sample selected and submitted by the client.

**Abbreviations**

**Limits:** Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

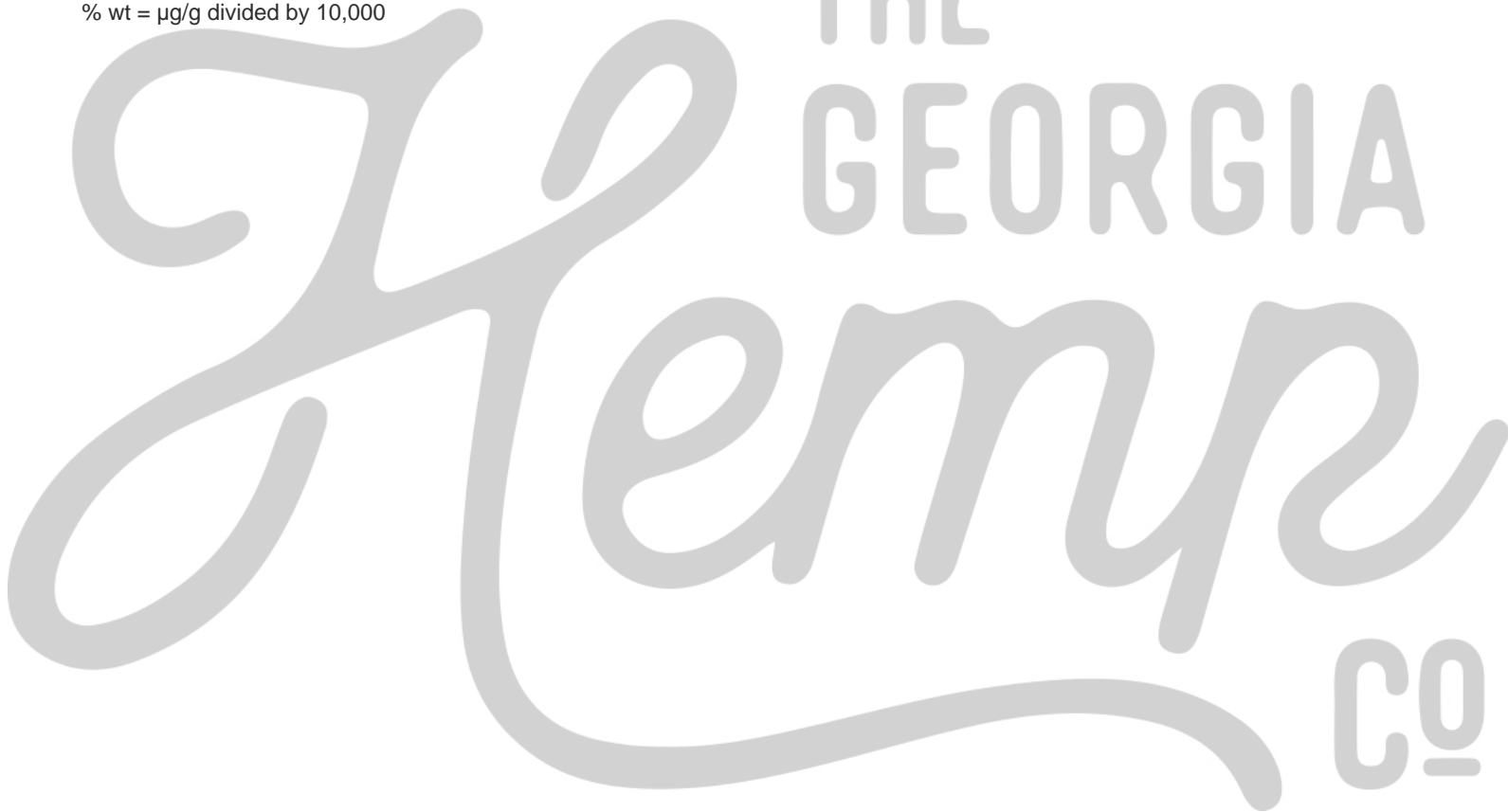
† = Analyte not NELAP accredited.

**Units of Measure**

% = Percentage of sample

% wt = µg/g divided by 10,000

THE  
GEORGIA



Approved Signatory

Derrick Tanner  
General Manager



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Received: 11/22/21 10:49



Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Document Control ID: 2732 Revision: 1  
Effective: 05/04/2021  
ORELAP ID: OR100028

| Company: <u>WILDFLOWER HEMP CO</u><br>Contact: <u>GARY HAN &amp; TARA PINTO</u><br>Street: <u>6501 CLINE FALLS RD.</u><br>City: <u>WASCO BEND</u> State: <u>OR</u> Zip: <u>97103</u><br><input checked="" type="checkbox"/> Email Results: <u>info@wildflowerhemp.com</u><br>Ph: <u>503-440-0719</u> <input type="checkbox"/> Fx Results: ( )<br>Billing (if different): _____ |                              |       |       | Analysis Requested<br><input type="checkbox"/> Pesticides - OR 59 compounds<br><input type="checkbox"/> Pesticide Multi-Residue - 379 compounds<br><input type="checkbox"/> Potency<br><input type="checkbox"/> Residual Solvents<br><input type="checkbox"/> Moisture & Water Activity<br><input type="checkbox"/> Terpenes<br><input type="checkbox"/> Micro: Yeast and Mold<br><input type="checkbox"/> Micro: E. Coli and Total Coliform<br><input type="checkbox"/> Heavy Metals<br><input type="checkbox"/> Mycotoxins<br><input type="checkbox"/> Other: _____ |   |         |                   |   |          |                       |                                   |              |            | PO Number: _____<br>Project Number: _____<br>Project Name: _____<br>Custom Reporting: _____<br>Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____<br>Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround<br><input type="checkbox"/> 3 Business Day Rush Turnaround*<br><input type="checkbox"/> 2 Business Day Rush Turnaround*<br>*Check for availability |               |                |                    |
|--|------------------------------|-------|-------|---|---|---------|-------------------|---|----------|-----------------------|-----------------------------------|--------------|------------|--|---------------|----------------|--------------------|
| Lab ID   | Client Sample Identification | Date  | Time  | Pesticides - OR 59 compounds  | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Moisture & Water Activity   | Terpenes | Micro: Yeast and Mold | Micro: E. Coli and Total Coliform | Heavy Metals | Mycotoxins | Other:   | Sample Type † | Weight (Units) | Comments/Metric ID |
|  | 8 PINEAPPLE EXPRESS          | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
|  | 8 SOUR TSUNAMI               | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
|  | 8 JACK                       | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
|  | 8 WIFI                       | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
|  | C - CLEMENTINE               | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
|  | C - SUPER SOUR DIESEL        | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
|  | C - G.D.P.                   | 11-19 | 10:50 |   |   | X       |                   |   | X        |                       |                                   |              |            |  | S             | 5 grams        |                    |
| Relinquished By: <u>[Signature]</u>  |                              | Date  | Time  | Received By: <u>DS</u>  |   | Date    | Time              | Lab Use Only:<br><input checked="" type="checkbox"/> Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop<br>Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>21.2°C</u><br>Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No<br><input type="checkbox"/> Cash   <input checked="" type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net: <u>1128</u><br>Prelog storage: <u>DS 11/22/21</u> |          |                       |                                   |              |            |  |               |                |                    |

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms  
12423 NE Whitaker Way  
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452  
info@columbiaboratories.com

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Hemp / Cannabis Usable / Extract / Finished Products

Chain of Custody Record

Document Control ID: 2732 Revision: 1  
Effective: 05/04/2021  
ORELAP ID: OR100028

|   |  |  |  |   |  |  |  |   |  |  |  |  |  |   |  |
|---|--|--|--|---|--|--|--|---|--|--|--|--|--|---|--|
| Company: <u>WILDFLOWER HEMP CO</u><br>Contact: <u>GARY HALL &amp; TARA PINTO</u><br>Street: <u>651686 CLIVE FALLS RD.</u><br>City: <u>BEND</u> State: <u>OR</u> Zip: <u>97703</u><br><input checked="" type="checkbox"/> Email Results: <u>info@wildflowerhempco.com</u><br>Ph: (541) <u>480-1218</u> <input type="checkbox"/> Fx Results: ( )<br>Billing (if different): |  |  |  | <b>Analysis Requested</b><br><input type="checkbox"/> Pesticides - OR 59 compounds<br><input type="checkbox"/> Pesticide Multi-Residue - 379 compounds<br><input type="checkbox"/> Potency<br><input type="checkbox"/> Residual Solvents<br><input type="checkbox"/> Moisture & Water Activity<br><input type="checkbox"/> Terpenes<br><input type="checkbox"/> Micro: Yeast and Mold<br><input type="checkbox"/> Micro: E.Coli and Total Coliform<br><input type="checkbox"/> Heavy Metals<br><input type="checkbox"/> Mycotoxins<br><input type="checkbox"/> Other: |  |  |  |   |  |  |  |  |  | PO Number: _____<br>Project Number: _____<br>Project Name: _____<br>Custom Reporting: _____<br>Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other:<br>Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround*<br><input type="checkbox"/> 3 Business Day Rush Turnaround*<br><input type="checkbox"/> 2 Business Day Rush Turnaround*<br>*Check for availability |  |
| Relinquished By: <u>[Signature]</u> Date: <u>11-19</u> Time: <u>10:50</u>   |  |  |  | Received By: <u>DS</u> Date: <u>11/22/21</u> Time: <u>10:49</u>   |  |  |  | Lab Use Only:<br>Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop<br>Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°C): <u>21.2°C</u><br>Sample in good condition: <input checked="" type="checkbox"/> Yes   <input type="checkbox"/> No<br><input type="checkbox"/> Cash   <input checked="" type="checkbox"/> Check <u>NO CC</u>   <input type="checkbox"/> Net: <u>1128</u><br>Prelog storage: <u>11/22/21</u> |  |  |  |  |  |   |  |

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

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Purchase Order:  
Received: 11/22/21 10:49



Document ID: 3177 Revision: 2  
Effective: 06/25/2021  
Page 1 of 1

Job Number: \_\_\_\_\_ Search Name: \_\_\_\_\_

Package/Cooler opened on (if different than received date/time) Date: 11/22/21 Time: 10:45

Received By (Initials): DS Logged in by (Initials): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

1) Were custody seals on outside of the package/cooler? YES NO NA  
If YES, how many and where? \_\_\_\_\_

Does date match collection date on COC? \_\_\_\_\_ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: \_\_\_\_\_

Tracking Number (written in or copy of shipping label): 1Z 04V 578 03 7151 2608

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other: \_\_\_\_\_

6) Was temperature upon receipt 4°C+/- 2°C (if appropriate)? YES NO NA

If not, client contacted: \_\_\_\_\_ YES NO

7) Was there evidence of cooling? YES NO NA

What kind? Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: \_\_\_\_\_

Explain any discrepancies: 21.2°C



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Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 2110660**

| Laboratory Control Sample |        |       |       |       |            |            |       |
|---------------------------|--------|-------|-------|-------|------------|------------|-------|
| Analyte                   | Result | Spike | Units | % Rec | Limits     | Evaluation | Notes |
| CBDVA                     | 0.204  | 0.2   | %     | 102   | 85.0 - 115 | Acceptable |       |
| CBDV                      | 0.217  | 0.2   | %     | 108   | 85.0 - 115 | Acceptable |       |
| CBE                       | 0.195  | 0.2   | %     | 97.6  | 85.0 - 115 | Acceptable |       |
| CBD                       | 0.220  | 0.2   | %     | 110   | 85.0 - 115 | Acceptable |       |
| CBGA                      | 0.204  | 0.2   | %     | 102   | 85.0 - 115 | Acceptable |       |
| CBG                       | 0.202  | 0.2   | %     | 101   | 85.0 - 115 | Acceptable |       |
| CBD                       | 0.216  | 0.2   | %     | 108   | 85.0 - 115 | Acceptable |       |
| THCV                      | 0.188  | 0.2   | %     | 94.1  | 85.0 - 115 | Acceptable |       |
| d8THCV                    | 0.178  | 0.2   | %     | 88.9  | 85.0 - 115 | Acceptable |       |
| THCVA                     | 0.198  | 0.2   | %     | 98.8  | 85.0 - 115 | Acceptable |       |
| CBN                       | 0.205  | 0.2   | %     | 102   | 85.0 - 115 | Acceptable |       |
| exo-THC                   | 0.170  | 0.2   | %     | 85.1  | 85.0 - 115 | Acceptable |       |
| d9THC                     | 0.194  | 0.2   | %     | 97.2  | 85.0 - 115 | Acceptable |       |
| d8THC                     | 0.185  | 0.2   | %     | 92.6  | 85.0 - 115 | Acceptable |       |
| CBL                       | 0.172  | 0.2   | %     | 86.0  | 85.0 - 115 | Acceptable |       |
| CBC                       | 0.194  | 0.2   | %     | 97.2  | 85.0 - 115 | Acceptable |       |
| THCA                      | 0.215  | 0.2   | %     | 107   | 85.0 - 115 | Acceptable |       |
| CBCA                      | 0.211  | 0.2   | %     | 106   | 85.0 - 115 | Acceptable |       |
| CBLA                      | 0.200  | 0.2   | %     | 99.9  | 85.0 - 115 | Acceptable |       |
| CBT                       | 0.225  | 0.2   | %     | 113   | 85.0 - 115 | Acceptable |       |

| Method Blank |        |     |       |        |            |       |  |
|--------------|--------|-----|-------|--------|------------|-------|--|
| Analyte      | Result | LOQ | Units | Limits | Evaluation | Notes |  |
| CBDVA        | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBDV         | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBE          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBD          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBGA         | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBG          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBD          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| THCV         | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| d8THCV       | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| THCVA        | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBN          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| exo-THC      | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| d9THC        | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| d8THC        | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBL          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBC          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| THCA         | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBCA         | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBLA         | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |
| CBT          | <LOQ   | 0.1 | %     | < 0.1  | Acceptable |       |  |

**Abbreviations**

ND - None Detected at or above MRL  
RPD - Relative Percent Difference  
LOQ - Limit of Quantitation

**Units of Measure:**

% - Percent





Revision #: 0.00 Control : CFL-D06  
Revision Date: 05/31/2019 Effective Date: 05/31/2019

**Laboratory Quality Control Results**

| J AOAC 2015 V98-6 |        | Batch ID: 2110660         |     |       |      |        |            |       |
|-------------------|--------|---------------------------|-----|-------|------|--------|------------|-------|
| Sample Duplicate  |        | Sample ID: 21-013745-0001 |     |       |      |        |            |       |
| Analyte           | Result | Org. Result               | LOQ | Units | RPD  | Limits | Evaluation | Notes |
| CBDVA             | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBDV              | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBE               | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBD               | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| THCV              | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| d8THCV            | 0.384  | 0.374                     | 0.1 | %     | 2.54 | < 20   | Acceptable |       |
| THCVA             | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBN               | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| exo-THC           | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| d9THC             | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| d8THC             | 85.7   | 82.0                      | 0.1 | %     | 4.48 | < 20   | Acceptable |       |
| CBL               | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBC               | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| THCA              | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBCA              | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBLA              | <LOQ   | <LOQ                      | 0.1 | %     | NA   | < 20   | Acceptable |       |
| CBT               | 0.230  | 0.113                     | 0.1 | %     | 68.3 | < 20   | Outlier    | Q6    |

**Abbreviations**

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results
- Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

**Units of Measure:**

% - Percent


 Revision: Document ID:  
 Legacy ID: Effective:

**Terpenes Quality Control Results**

| Method Reference: EPA 5035 |        |       |       | Batch ID: 2110736         |     |       |           |          |       |
|----------------------------|--------|-------|-------|---------------------------|-----|-------|-----------|----------|-------|
| Method Blank               |        |       |       | Laboratory Control Sample |     |       |           |          |       |
| Analyte                    | Result | LOQ   | Notes | Result                    | LCS | Units | LCS % Rec | Limits   | Notes |
| a-pinene                   | <LOQ   | < 200 |       | 368                       | 500 | µg/g  | 74%       | 70 - 130 |       |
| Camphene                   | <LOQ   | < 200 |       | 376                       | 500 | µg/g  | 75%       | 70 - 130 |       |
| Sabinene                   | <LOQ   | < 200 |       | 374                       | 500 | µg/g  | 75%       | 70 - 130 |       |
| b-Pinene                   | <LOQ   | < 200 |       | 453                       | 500 | µg/g  | 91%       | 70 - 130 |       |
| b-Myrcene                  | <LOQ   | < 200 |       | 368                       | 500 | µg/g  | 74%       | 70 - 130 |       |
| a-phellandrene             | <LOQ   | < 200 |       | 355                       | 500 | µg/g  | 71%       | 70 - 130 |       |
| d-3-Carene                 | <LOQ   | < 200 |       | 391                       | 500 | µg/g  | 78%       | 70 - 130 |       |
| a-Terpinene                | <LOQ   | < 200 |       | 392                       | 500 | µg/g  | 78%       | 70 - 130 |       |
| p-Cymene                   | <LOQ   | < 200 |       | 375                       | 500 | µg/g  | 75%       | 70 - 130 |       |
| D-Limonene                 | <LOQ   | < 200 |       | 391                       | 500 | µg/g  | 78%       | 70 - 130 |       |
| Eucalyptol                 | <LOQ   | < 200 |       | 393                       | 500 | µg/g  | 79%       | 70 - 130 |       |
| b-cis-Ocimene              | <LOQ   | < 67  |       | 134                       | 167 | µg/g  | 81%       | 70 - 130 |       |
| b-trans-Ocimene            | <LOQ   | < 133 |       | 243                       | 333 | µg/g  | 73%       | 70 - 130 |       |
| g-Terpinene                | <LOQ   | < 200 |       | 377                       | 500 | µg/g  | 75%       | 70 - 130 |       |
| Sabinene_Hydrate           | <LOQ   | < 200 |       | 418                       | 500 | µg/g  | 84%       | 70 - 130 |       |
| Terpinolene                | <LOQ   | < 200 |       | 382                       | 500 | µg/g  | 76%       | 70 - 130 |       |
| D-Fenchone                 | <LOQ   | < 200 |       | 385                       | 500 | µg/g  | 77%       | 70 - 130 |       |
| Linalool                   | <LOQ   | < 200 |       | 467                       | 500 | µg/g  | 93%       | 70 - 130 |       |
| Fenchol                    | <LOQ   | < 200 |       | 385                       | 500 | µg/g  | 77%       | 70 - 130 |       |
| Camphor                    | <LOQ   | < 200 |       | 398                       | 500 | µg/g  | 80%       | 70 - 130 |       |
| Isopulego                  | <LOQ   | < 200 |       | 375                       | 500 | µg/g  | 75%       | 70 - 130 |       |
| Isoborneol                 | <LOQ   | < 200 |       | 405                       | 500 | µg/g  | 81%       | 70 - 130 |       |
| Borneol                    | <LOQ   | < 200 |       | 412                       | 500 | µg/g  | 82%       | 70 - 130 |       |
| DL-Menthol                 | <LOQ   | < 200 |       | 407                       | 500 | µg/g  | 81%       | 70 - 130 |       |
| Terpineol                  | <LOQ   | < 200 |       | 387                       | 500 | µg/g  | 77%       | 70 - 130 |       |
| Nerol                      | <LOQ   | < 200 |       | 395                       | 500 | µg/g  | 79%       | 70 - 130 |       |
| Pulegone                   | <LOQ   | < 200 |       | 416                       | 500 | µg/g  | 83%       | 70 - 130 |       |
| Geraniol                   | <LOQ   | < 200 |       | 423                       | 500 | µg/g  | 85%       | 70 - 130 |       |
| Geranyl_Acetate            | <LOQ   | < 200 |       | 405                       | 500 | µg/g  | 81%       | 70 - 130 |       |
| a-Cedrene                  | <LOQ   | < 200 |       | 417                       | 500 | µg/g  | 83%       | 70 - 130 |       |
| b-Caryophyllene            | <LOQ   | < 200 |       | 449                       | 500 | µg/g  | 90%       | 70 - 130 |       |
| a-Humulene                 | <LOQ   | < 200 |       | 460                       | 500 | µg/g  | 92%       | 70 - 130 |       |
| Valenene                   | <LOQ   | < 200 |       | 389                       | 500 | µg/g  | 78%       | 70 - 130 |       |
| cis-Nerolidol              | <LOQ   | < 200 |       | 434                       | 500 | µg/g  | 87%       | 70 - 130 |       |
| a-Farnesene                | <LOQ   | < 200 |       | 477                       | 500 | µg/g  | 95%       | 70 - 130 |       |
| trans-Nerolidol            | <LOQ   | < 200 |       | 460                       | 500 | µg/g  | 92%       | 70 - 130 |       |
| Caryophyllene_Oxide        | <LOQ   | < 200 |       | 399                       | 500 | µg/g  | 80%       | 70 - 130 |       |
| Guaial                     | <LOQ   | < 200 |       | 470                       | 500 | µg/g  | 94%       | 70 - 130 |       |
| Cedrol                     | <LOQ   | < 200 |       | 453                       | 500 | µg/g  | 91%       | 70 - 130 |       |
| a-Bisabolol                | <LOQ   | < 200 |       | 464                       | 500 | µg/g  | 93%       | 70 - 130 |       |

## Definitions

|       |                           |
|-------|---------------------------|
| LOQ   | Limit of Quantitation     |
| LCS   | Laboratory Control Sample |
| % REC | Percent Recovery          |



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**Report Number:** 21-013745/D012.R000  
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**Purchase Order:**  
**Received:** 11/22/21 10:49

Revision: Document ID:  
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**Terpenes Quality Control Results**

| Method Reference: EPA 5035 |        | Batch ID: 2110736         |      |       |       |       |       |
|----------------------------|--------|---------------------------|------|-------|-------|-------|-------|
| Sample/Sample Duplicate    |        | Sample ID: 21-013745-0001 |      |       |       |       |       |
| Analyte                    | Result | Org. Result               | LOQ  | Units | % RPD | LIMIT | Notes |
| a-pinene                   | 1760   | 1800                      | 189  | µg/g  | 2%    | < 20  |       |
| Camphene                   | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Sabinene                   | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| b-Pinene                   | 2460   | 2510                      | 189  | µg/g  | 2%    | < 20  |       |
| b-Myrcene                  | 2880   | 2930                      | 189  | µg/g  | 2%    | < 20  |       |
| a-phellandrene             | 574    | 598                       | 189  | µg/g  | 4%    | < 20  |       |
| d-3-Carene                 | 711    | 753                       | 189  | µg/g  | 6%    | < 20  |       |
| a-Terpinene                | 459    | 476                       | 189  | µg/g  | 4%    | < 20  |       |
| p-Cymene                   | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| D-Limonene                 | 5430   | 5520                      | 189  | µg/g  | 2%    | < 20  |       |
| Eucalyptol                 | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| b-cis-Ocimene              | 2010   | 2010                      | 63.0 | µg/g  | 0%    | < 20  |       |
| b-trans-Ocimene            | <LOQ   | <LOQ                      | 126  | µg/g  | 0%    | < 20  |       |
| g-Terpinene                | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Sabinene_Hydrate           | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Terpinolene                | 12100  | 12100                     | 189  | µg/g  | 0%    | < 20  |       |
| D-Fenchone                 | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Linalool                   | 834    | 803                       | 189  | µg/g  | 4%    | < 20  |       |
| Fenchol                    | 665    | 675                       | 189  | µg/g  | 1%    | < 20  |       |
| Camphor                    | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Isopulego                  | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Isoborneol                 | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Borneol                    | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| DL-Menthol                 | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Terpineol                  | 895    | 877                       | 189  | µg/g  | 2%    | < 20  |       |
| Nerol                      | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Pulegone                   | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Geraniol                   | 224    | 216                       | 189  | µg/g  | 4%    | < 20  |       |
| Geranyl_Acetate            | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| a-Cedrene                  | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| b-Caryophyllene            | 4900   | 4970                      | 189  | µg/g  | 1%    | < 20  |       |
| a-Humulene                 | 560    | 562                       | 189  | µg/g  | 0%    | < 20  |       |
| Valenene                   | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| cis-Nerolidol              | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| a-Farnesene                | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| trans-Nerolidol            | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Caryophyllene_Oxide        | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Guaiol                     | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| Cedrol                     | <LOQ   | <LOQ                      | 189  | µg/g  | 0%    | < 20  |       |
| a-Bisabolol                | 422    | 419                       | 189  | µg/g  | 1%    | < 20  |       |

Definitions

RPD Relative Percent Difference



Explanation of QC Flag Comments:

| Code | Explanation   |
|------|---|
| Q    | Matrix interferences affecting spike or surrogate recoveries.                               |
| Q1   | Quality control result biased high. Only non-detect samples reported.                       |
| Q2   | Quality control outside QC limits. Data considered estimate.                                |
| Q3   | Sample concentration greater than four times the amount spiked.                             |
| Q4   | Non-homogenous sample matrix, affecting RPD result and/or % recoveries.                     |
| Q5   | Spike results above calibration curve.  |
| Q6   | Quality control outside QC limits. Data acceptable based on remaining QC.                   |
| R    | Relative percent difference (RPD) outside control limit.                                    |
| R1   | RPD non-calculable, as sample or duplicate results are less than five times the LOQ.        |
| R2   | Sample replicates RPD non-calculable, as only one replicate is within the analytical range. |
| LOQ1 | Quantitation level raised due to low sample volume and/or dilution.                         |
| LOQ2 | Quantitation level raised due to matrix interference.                                       |
| B    | Analyte detected in method blank, but not in associated samples.                            |
| B1   | The sample concentration is greater than 5 times the blank concentration.                   |
| B2   | The sample concentration is less than 5 times the blank concentration.                      |