



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



**Report Number:** 24-007537/D004.R001  
**Report Date:** 07/23/2024  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 07/11/24 11:33

This is an amended version of report# 24-007537/D004.R000.  
Reason: updated client information

**Customer:** Seventh Hill Releaf LLC  
**Product identity:** 3-1 Fudge  
**Client/Metric ID:** FDG3010241  
**Laboratory ID:** 24-007537-0004

Summary

Potency:

| Analyte           | Result  | Limits | Units    | Status |  |
|-------------------|---------|--------|----------|--------|--|
| CBD               | 0.0485  |        | %        |        | Delta-9-THC-Total per 27.9 mg/12.5g      |
| CBG               | 0.00898 |        | %        |        |  |
| CBN               | 0.00860 |        | %        |        | CBD-Total per Serving Size 6.06 mg/12.5g |
| Δ9-THC            | 0.223   |        | %        |        | (Reported in milligrams per serving)     |
| Analyte per 12.5g | Result  | Limits | Units    | Status |  |
| CBD per 12.5g     | 6.06    |        | mg/12.5g |        |  |
| CBG per 12.5g     | 1.12    |        | mg/12.5g |        |  |
| CBN per 12.5g     | 1.08    |        | mg/12.5g |        |  |
| Δ9-THC per 12.5g  | 27.9    |        | mg/12.5g |        |  |



**Customer:** Seventh Hill Releaf LLC  
 215 S 19th St  
 Springfield Oregon 97477  
 United States of America (USA)

**Product identity:** 3-1 Fudge  
**Client/Metric ID:** FDG3010241  
**Sample Date:**  
**Laboratory ID:** 24-007537-0004  
**Evidence of Cooling:** Yes  
**Temp:** 22.4 °C  
**Serving Size #1:** 12.5 g

### Sample Results

| Potency                   | Method: J AOAC 2015 V98-6 (mod) <sup>b</sup> |        | Units % | Batch: 2405318 | Analyze: 7/15/24 7:50:00 PM |
|---------------------------|--|--------|---------|----------------|-----------------------------|
| Analyte                   | Result                                       | Limits | Units   | LOQ            | Notes                       |
| CBC                       | < LOQ  |        | %       | 0.00312        |                             |
| CBC-A                     | < LOQ  |        | %       | 0.00312        |                             |
| CBC-Total                 | < LOQ  |        | %       | 0.00585        |                             |
| CBD <sup>±</sup>          | 0.0485                                       |        | %       | 0.00312        |                             |
| CBD-A <sup>±</sup>        | < LOQ  |        | %       | 0.00312        |                             |
| CBD-Total <sup>±</sup>    | 0.0485                                       |        | %       | 0.00585        |                             |
| CBDV                      | < LOQ  |        | %       | 0.00312        |                             |
| CBDV-A                    | < LOQ  |        | %       | 0.00312        |                             |
| CBDV-Total                | < LOQ  |        | %       | 0.00582        |                             |
| CBE                       | < LOQ  |        | %       | 0.00312        |                             |
| CBG                       | 0.00898                                      |        | %       | 0.00312        |                             |
| CBG-A                     | < LOQ  |        | %       | 0.00312        |                             |
| CBG-Total                 | 0.00898                                      |        | %       | 0.00582        |                             |
| CBL                       | < LOQ  |        | %       | 0.00312        |                             |
| CBL-A                     | < LOQ  |        | %       | 0.00312        |                             |
| CBL-Total                 | < LOQ  |        | %       | 0.00585        |                             |
| CBN                       | 0.00860                                      |        | %       | 0.00312        |                             |
| CBT                       | < LOQ  |        | %       | 0.00312        |                             |
| Δ10-THC-9R                | < LOQ  |        | %       | 0.00312        |                             |
| Δ10-THC-9S                | < LOQ  |        | %       | 0.00312        |                             |
| Δ10-THC-Total             | < LOQ  |        | %       | 0.00623        |                             |
| Δ8-THC <sup>±</sup>       | < LOQ  |        | %       | 0.00312        |                             |
| Δ8-THCV                   | < LOQ  |        | %       | 0.00312        |                             |
| Δ9-THC <sup>±</sup>       | 0.223  |        | %       | 0.00312        |                             |
| Δ9-THC-A <sup>±</sup>     | < LOQ  |        | %       | 0.00312        |                             |
| Δ9-THC-Total <sup>±</sup> | 0.223  |        | %       | 0.00585        |                             |
| Δ9-THCP                   | < LOQ  |        | %       | 0.00312        |                             |
| Δ9-THCV                   | < LOQ  |        | %       | 0.00312        |                             |
| Δ9-THCV-A                 | < LOQ  |        | %       | 0.00312        |                             |
| Δ9-THCV-Total             | < LOQ  |        | %       | 0.00582        |                             |
| exo-THC                   | < LOQ  |        | %       | 0.00312        |                             |



| Potency | Method: J AOAC 2015 V98-6 (mod) <sup>b</sup> | Units % | Batch: 2405318 | Analyze: 7/15/24 7:50:00 PM |
|---------|--|---------|----------------|-----------------------------|
|---------|--|---------|----------------|-----------------------------|

| Analyte            | Result | Limits | Units | LOQ | Notes |
|--------------------|--------|--------|-------|-----|-------|
| Total Cannabinoids | 0.289  |        | %     |     |       |

| Potency per 12.5g | Method: J AOAC 2015 V98-6 (mod) <sup>b</sup> | Units mg/se | Batch: 2405318 | Analyze: 7/15/24 7:50:00 PM |
|-------------------|--|-------------|----------------|-----------------------------|
|-------------------|--|-------------|----------------|-----------------------------|

| Analyte                          | Result | Limits | Units    | LOQ   | Notes |
|----------------------------------|--------|--------|----------|-------|-------|
| CBC per 12.5g                    | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBC-A per 12.5g                  | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBC-Total per 12.5g              | < LOQ  |        | mg/12.5g | 0.731 |       |
| CBD per 12.5g                    | 6.06   |        | mg/12.5g | 0.389 |       |
| CBD-A per 12.5g <sup>+</sup>     | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBD-Total per 12.5g <sup>+</sup> | 6.06   |        | mg/12.5g | 0.731 |       |
| CBDV per 12.5g                   | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBDV-A per 12.5g                 | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBDV-Total per 12.5g             | < LOQ  |        | mg/12.5g | 0.727 |       |
| CBE per 12.5g                    | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBG per 12.5g                    | 1.12   |        | mg/12.5g | 0.389 |       |
| CBG-A per 12.5g                  | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBG-Total per 12.5g              | 1.12   |        | mg/12.5g | 0.727 |       |
| CBL per 12.5g                    | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBL-A per 12.5g                  | < LOQ  |        | mg/12.5g | 0.389 |       |
| CBL-Total per 12.5g              | < LOQ  |        | mg/12.5g | 0.731 |       |
| CBN per 12.5g                    | 1.08   |        | mg/12.5g | 0.389 |       |
| CBT per 12.5g                    | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ10-THC-9R per 12.5g             | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ10-THC-9S per 12.5g             | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ10-THC-Total per 12.5g          | < LOQ  |        | mg/12.5g | 0.779 |       |
| Δ8-THC per 12.5g <sup>+</sup>    | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ8-THCV per 12.5g                | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ9-THC per 12.5g <sup>+</sup>    | 27.9   |        | mg/12.5g | 0.389 |       |
| Δ9-THC-Total per 12.5g           | 27.9   |        | mg/12.5g | 0.731 |       |
| Δ9-THCP per 12.5g                | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ9-THCV per 12.5g                | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ9-THCV-A per 12.5g              | < LOQ  |        | mg/12.5g | 0.389 |       |
| Δ9-THCV-Total per 12.5g          | < LOQ  |        | mg/12.5g | 0.731 |       |
| exo-THC per 12.5g                | < LOQ  |        | mg/12.5g | 0.389 |       |
| THC-A per 12.5g <sup>+</sup>     | < LOQ  |        | mg/12.5g | 0.389 |       |
| Total Cannabinoids per 12.5g     | 36.1   |        | mg/12.5g |       |       |



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#### **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.

Ⓟ = ISO/IEC 17025:2017 accredited method.

⊥ = TNI accredited analyte.

#### **Units of Measure**

g = Gram

mg/12.5g = Milligram per 12.5g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner  
General Manager



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**Hemp & Cannabis  
Chain of Custody**

**Seventh-Hill-CBD-  
1720647685**

|   |                           |                    |   |                 |                |   |   |   |   |
|---|---------------------------|--------------------|---|-----------------|----------------|---|---|---|---|
| <b>Company Details</b><br>Company: <u>Seventh Hill CBD</u><br>Contact: <u>Jordan Dunn</u><br>Street Address: <u>215 South 19th Street</u><br>City, State, Zip: <u>Springfield, OR 97477</u><br>Email: <u>jordandunn@seventhhillcbd.com</u><br>Contact Phone: <u>5415912620</u><br>Company Phone: <u>15415912620</u><br><b>Billing Information</b><br>Billing Phone: <u>15415912620</u><br>Billing Email: <u>jordandunn@seventhhillcbd.com</u> |                           |                    | <b>Project Details</b><br>Turnaround Time: <u>3 Business Days   Surcharges Apply</u><br>Relinquishment   Sampling, Courier & Shipping Options: <u>By Shipping Service (USPS, UPS, FedEx)</u><br>Compliance: <u>Research and Development (RND)</u><br><b>Receipt Information</b><br>Prelog Storage: <u>R-01</u><br>Sample Condition: <u>Satisfactory</u> |                 |                | <b>Testing</b><br>H0016 - Potency Cannabis (Basic+Expanded+ADCs)<br>H0014 - Potency Cannabis (Basic)<br>H0010 - Potency Cannabis (Basic+Expanded) |   |   |   |
| #   | Sample Name               | Material           | METRC ID  | Amount Provided | Reporting Unit | Specifications  |   |   |   |
| 1   | Blueberry Muffin 3-1 THCv | Cannabinoid Edible | BBM301024I  | 20 g            | % & mg/serving | 17g per Serving   | ✓ |   |   |
| 2   | Coffee 6-1                | Cannabinoid Edible | CC300524I   | 20 g            | % & mg/serving | 17grams per Serving   |   | ✓ |   |
| 3   | Freebird 1-1              | Cannabinoid Edible | FB202024I   | 20 g            | % & mg/serving | 17grams per Serving   |   |   | ✓ |
| 4   | 3-1 Fudge                 | Cannabinoid Edible | FDG301024I  | 15 g            | % & mg/serving | 12.5 Grams Per Serving  |   |   | ✓ |

| Relinquished By    | Date       | Time  | Received By | Date       | Time  | Received Temp., °C | Evidence of Cooling? |
|--------------------|------------|-------|-------------|------------|-------|--------------------|----------------------|
| Jordan Taylor Dunn | 07/10/2024 | 14:41 | ont         | 07/11/2024 | 11:33 | 22.40              | Yes                  |

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the [current terms of services](#) associated with this COC. By signing "Relinquished by" you are agreeing to these terms.

Columbia Laboratories  
12423 NE Whitaker Way  
Portland, OR 97230

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[www.columbialaboratories.com](http://www.columbialaboratories.com)


**Laboratory Quality Control Results**
**J AOAC 2015 V98-6** **Batch ID: 2405318**
**Laboratory Control Sample**

| Analyte   | LCS | Result | Spike  | Units | % Rec | Limits     | Evaluation | Notes |
|-----------|-----|--------|--------|-------|-------|------------|------------|-------|
| CBDVA     | 2   | 0.0328 | 0.0317 | %     | 103   | 80.0 - 120 | Acceptable |       |
| CBDV      | 2   | 0.0319 | 0.0320 | %     | 99.4  | 80.0 - 120 | Acceptable |       |
| CBE       | 2   | 0.0324 | 0.0317 | %     | 102   | 80.0 - 120 | Acceptable |       |
| CBDA      | 1   | 0.0304 | 0.0302 | %     | 101   | 90.0 - 110 | Acceptable |       |
| CBGA      | 1   | 0.0309 | 0.0307 | %     | 101   | 80.0 - 120 | Acceptable |       |
| CBG       | 1   | 0.0363 | 0.0363 | %     | 100.0 | 80.0 - 120 | Acceptable |       |
| CBD       | 1   | 0.0345 | 0.0351 | %     | 98.3  | 90.0 - 110 | Acceptable |       |
| THCV      | 2   | 0.0348 | 0.0338 | %     | 103   | 80.0 - 120 | Acceptable |       |
| d8THCV    | 2   | 0.0345 | 0.0342 | %     | 101   | 80.0 - 120 | Acceptable |       |
| THCVA     | 2   | 0.0320 | 0.0311 | %     | 103   | 80.0 - 120 | Acceptable |       |
| CBN       | 1   | 0.0332 | 0.0333 | %     | 99.6  | 80.0 - 120 | Acceptable |       |
| exo-THC   | 2   | 0.0278 | 0.0277 | %     | 100   | 80.0 - 120 | Acceptable |       |
| d9THC     | 1   | 0.0343 | 0.0341 | %     | 101   | 90.0 - 110 | Acceptable |       |
| d8THC     | 1   | 0.0294 | 0.0304 | %     | 96.8  | 90.0 - 110 | Acceptable |       |
| 9S-d10THC | 1   | 0.0312 | 0.0319 | %     | 97.7  | 80.0 - 120 | Acceptable |       |
| CBL       | 2   | 0.0310 | 0.0321 | %     | 96.7  | 80.0 - 120 | Acceptable |       |
| 9R-d10THC | 1   | 0.0301 | 0.0313 | %     | 96.2  | 80.0 - 120 | Acceptable |       |
| CBC       | 2   | 0.0323 | 0.0324 | %     | 99.6  | 80.0 - 120 | Acceptable |       |
| THCA      | 1   | 0.0318 | 0.0308 | %     | 103   | 90.0 - 110 | Acceptable |       |
| CBCA      | 2   | 0.0335 | 0.0327 | %     | 102   | 80.0 - 120 | Acceptable |       |
| CBLA      | 2   | 0.0333 | 0.0328 | %     | 102   | 80.0 - 120 | Acceptable |       |
| d9THCP    | 2   | 0.0315 | 0.0317 | %     | 99.4  | 80.0 - 120 | Acceptable |       |
| CBT       | 2   | 0.0309 | 0.0323 | %     | 95.7  | 80.0 - 120 | Acceptable |       |

**Method Blank**

| Analyte   | Result | LOQ     | Units | Limits    | Evaluation | Notes |
|-----------|--------|---------|-------|-----------|------------|-------|
| CBDVA     | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBDV      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBE       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBDA      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBGA      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBG       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBD       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| THCV      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| d8THCV    | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| THCVA     | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBN       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| exo-THC   | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| d9THC     | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| d8THC     | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| 9S-d10THC | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBL       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| 9R-d10THC | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBC       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| THCA      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBCA      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBLA      | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| d9THCP    | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |
| CBT       | <LOQ   | 0.00329 | %     | < 0.00329 | Acceptable |       |

**Abbreviations**

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

**Units of Measure:**

% - Percent


**Laboratory Quality Control Results**

| J AOAC 2015 V98-6 |         |             | Batch ID: 2405318         |       |        |        |            |       |
|-------------------|---------|-------------|---------------------------|-------|--------|--------|------------|-------|
| Sample Duplicate  |         |             | Sample ID: 24-007537-0001 |       |        |        |            |       |
| Analyte           | Result  | Org. Result | LOQ                       | Units | RPD    | Limits | Evaluation | Notes |
| CBDVA             | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBDV              | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBE               | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBDA              | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBGA              | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBG               | 0.00606 | 0.00589     | 0.00317                   | %     | 2.97   | < 20   | Acceptable |       |
| CBD               | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| THCV              | 0.0591  | 0.0591      | 0.00317                   | %     | 0.0235 | < 20   | Acceptable |       |
| d8THCV            | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| THCVA             | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBN               | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| exo-THC           | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| d9THC             | 0.177   | 0.177       | 0.00317                   | %     | 0.0964 | < 20   | Acceptable |       |
| d8THC             | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| 9S-d10THC         | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBL               | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| 9R-d10THC         | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBC               | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| THCA              | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBCA              | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBLA              | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| d9THCP            | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |
| CBT               | <LOQ    | <LOQ        | 0.00317                   | %     | NA     | < 20   | Acceptable |       |

**Abbreviations**

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

**Units of Measure:**

% - Percent



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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.                      |