



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



**Report Number:** 23-007627/D003.R000  
**Report Date:** 07/05/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/27/23 13:40

**Customer:** The Hemp Collect  
**Product identity:** Live D9 Gummy - Sour Apple 20mg  
**Client/Metric ID:** 3008RC-061323  
**Laboratory ID:** 23-007627-0003

### Summary

**Potency:**

| Analyte per 1g | Result | Limits | Units | Status |   |
|----------------|--------|--------|-------|--------|---|
| CBD per 1g     | 0.0658 |        | mg/1g |        | THC-Total per Serving Size 2.41 mg/1g   |
| CBD-A per 1g   | 0.0383 |        | mg/1g |        |   |
| CBN per 1g     | 0.0590 |        | mg/1g |        | CBD-Total per Serving Size 0.0994 mg/1g |
| Δ8-THC per 1g  | 0.0435 |        | mg/1g |        |   |
| Δ9-THC per 1g  | 2.41   |        | mg/1g |        | (Reported in milligrams per serving)    |

**Pesticides:**

*All analytes passing and less than LOQ.*

**Microbiology:**

*Less than LOQ for all analytes.*



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**Customer:** The Hemp Collect

**Product identity:** Live D9 Gummy - Sour Apple 20mg  
**Client/Metric ID:** 3008RC-061323  
**Sample Date:**  
**Laboratory ID:** 23-007627-0003  
**Evidence of Cooling:** No  
**Temp:** 20.0  
**Relinquished by:** client  
**Serving Size #1:** 1 g



### Sample Results

| Potency per 1g       |        |        |       |        |       | Method: J AOAC 2015 V98-6 (mod) <sup>b</sup> | Units mg/se | Batch: 2308651 | Analyze: 6/28/23 7:53:00 PM |
|----------------------|--------|--------|-------|--------|-------|--|-------------|----------------|-----------------------------|
| Analyte              | Result | Limits | Units | LOQ    | Notes |  |             |                |                             |
| CBD per 1g           | 0.0658 |        | mg/1g | 0.0324 |       |  |             |                |                             |
| CBD-A per 1g         | 0.0383 |        | mg/1g | 0.0324 |       |  |             |                |                             |
| CBD-Total per 1g     | 0.0994 |        | mg/1g | 0.0608 |       |  |             |                |                             |
| CBG per 1g           | < LOQ  |        | mg/1g | 0.0324 |       |  |             |                |                             |
| CBG-A per 1g         | < LOQ  |        | mg/1g | 0.0324 |       |  |             |                |                             |
| CBG-Total per 1g     | < LOQ  |        | mg/1g | 0.0604 |       |  |             |                |                             |
| CBN per 1g           | 0.0590 |        | mg/1g | 0.0324 |       |  |             |                |                             |
| Δ10-THC-9R per 1g    | < LOQ  |        | mg/1g | 0.0324 |       |  |             |                |                             |
| Δ10-THC-9S per 1g    | < LOQ  |        | mg/1g | 0.0324 |       |  |             |                |                             |
| Δ10-THC-Total per 1g | < LOQ  |        | mg/1g | 0.0647 |       |  |             |                |                             |
| Δ8-THC per 1g        | 0.0435 |        | mg/1g | 0.0324 |       |  |             |                |                             |
| Δ9-THC per 1g        | 2.41   |        | mg/1g | 0.0324 |       |  |             |                |                             |
| THC-A per 1g         | < LOQ  |        | mg/1g | 0.0324 |       |  |             |                |                             |
| THC-Total per 1g     | 2.41   |        | mg/1g | 0.0608 |       |  |             |                |                             |

| Microbiology              |          |        |       |     |         |   |        |       |
|---------------------------|----------|--------|-------|-----|---------|---|--------|-------|
| Analyte                   | Result   | Limits | Units | LOQ | Batch   | Analyzed Method                               | Status | Notes |
| Aerobic Plate Count       | < LOQ    |        | cfu/g | 10  | 2308615 | 06/30/23 AOAC 990.12 (Petrifilm) <sup>p</sup> |        | I     |
| E.coli                    | < LOQ    |        | cfu/g | 10  | 2308613 | 06/30/23 AOAC 991.14 (Petrifilm) <sup>p</sup> |        | I     |
| Total Coliforms           | < LOQ    |        | cfu/g | 10  | 2308613 | 06/30/23 AOAC 991.14 (Petrifilm) <sup>p</sup> |        | I     |
| Staphylococcus aureus     | < LOQ    |        | cfu/g | 10  | 2308617 | 06/29/23 AOAC 2003.07                         |        | I     |
| Mold (RAPID Petrifilm)    | < LOQ    |        | cfu/g | 10  | 2308614 | 06/30/23 AOAC 2014.05 (RAPID) <sup>p</sup>    |        | I     |
| Yeast (RAPID Petrifilm)   | < LOQ    |        | cfu/g | 10  | 2308614 | 06/30/23 AOAC 2014.05 (RAPID) <sup>p</sup>    |        | I     |
| E. coli, O157:H7 (by PCR) | Negative |        | /g    |     | 2308619 | 06/29/23 AOAC 2019.03 <sup>b</sup>            |        | I     |
| Listeria spp.             | Negative |        | /g    |     | 2308620 | 06/29/23 AOAC 2019.10                         |        | I     |
| Salmonella spp. by PCR*   | Negative |        | /g    |     | 2308618 | 06/29/23 AOAC 2020.02 <sup>b</sup>            |        | I     |



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| Pesticides                            |        |        |       |        |       |                      |        |               |       |                           |       |
|---------------------------------------|--------|--------|-------|--------|-------|----------------------|--------|---------------|-------|---------------------------|-------|
| Method: AOAC 2007.01 & EN 15662 (mod) |        |        |       |        |       | Units mg/kg          |        | Batch 2308735 |       | Analyze 07/03/23 10:21 AM |       |
| Analyte                               | Result | Limits | LOQ   | Status | Notes | Analyte              | Result | Limits        | LOQ   | Status                    | Notes |
| Abamectin                             | < LOQ  |        | 0.070 |        |       | Acephate             | < LOQ  |               | 0.020 |                           |       |
| Acequinocyl                           | < LOQ  |        | 0.025 |        |       | Acetamiprid          | < LOQ  |               | 0.050 |                           |       |
| Aldicarb                              | < LOQ  |        | 0.100 |        |       | Allethrin            | < LOQ  |               | 0.100 |                           |       |
| Atrazine                              | < LOQ  |        | 0.025 |        |       | Azadirachtin         | < LOQ  |               | 0.500 |                           |       |
| Azoxystrobin                          | < LOQ  |        | 0.010 |        |       | Benzovindiflupyr     | < LOQ  |               | 0.010 |                           |       |
| Bifenazate                            | < LOQ  |        | 0.010 |        |       | Bifenthrin           | < LOQ  |               | 0.100 |                           |       |
| Boscalid                              | < LOQ  |        | 0.010 |        |       | Buprofezin           | < LOQ  |               | 0.010 |                           |       |
| Captan                                | < LOQ  |        | 0.700 |        |       | Carbaryl             | < LOQ  |               | 0.025 |                           |       |
| Carbofuran                            | < LOQ  |        | 0.010 |        |       | Chlorantraniliprole  | < LOQ  |               | 0.010 |                           |       |
| Chlordane (cis+trans)                 | < LOQ  |        | 0.100 |        |       | Chlorfenapyr         | < LOQ  |               | 0.100 |                           |       |
| Chlorpyrifos                          | < LOQ  |        | 0.010 |        |       | Clofentezine         | < LOQ  |               | 0.010 |                           |       |
| Clothianidin                          | < LOQ  |        | 0.025 |        |       | Coumaphos            | < LOQ  |               | 0.010 |                           |       |
| Cyantraniliprole                      | < LOQ  |        | 0.010 |        |       | Cyfluthrin           | < LOQ  |               | 0.400 |                           |       |
| Cyhalothrin,lambda                    | < LOQ  |        | 0.250 |        |       | Cypermethrin         | < LOQ  |               | 0.300 |                           |       |
| Cyprodinil                            | < LOQ  |        | 0.010 |        |       | Daminozide           | < LOQ  |               | 0.050 |                           |       |
| Deltamethrin                          | < LOQ  |        | 0.500 |        |       | Diazinon             | < LOQ  |               | 0.010 |                           |       |
| Dichlorvos                            | < LOQ  |        | 0.050 |        |       | Dimethoate           | < LOQ  |               | 0.010 |                           |       |
| Dimethomorph                          | < LOQ  |        | 0.050 |        |       | Dinotefuran          | < LOQ  |               | 0.050 |                           |       |
| Diuron                                | < LOQ  |        | 0.125 |        |       | Dodemorph            | < LOQ  |               | 0.050 |                           |       |
| Endosulfan I (alpha)                  | < LOQ  |        | 0.050 |        |       | Endosulfan II (beta) | < LOQ  |               | 0.050 |                           |       |
| Endosulfan sulfate                    | < LOQ  |        | 0.050 |        |       | Ethoprophos          | < LOQ  |               | 0.010 |                           |       |
| Etofenprox                            | < LOQ  |        | 0.010 |        |       | Etoxazole            | < LOQ  |               | 0.010 |                           |       |
| Etridiazole                           | < LOQ  |        | 0.050 |        |       | Fenhexamid           | < LOQ  |               | 0.100 |                           |       |
| Fenoxycarb                            | < LOQ  |        | 0.010 |        |       | Fenpyroximate        | < LOQ  |               | 0.020 |                           |       |
| Fensulfathion                         | < LOQ  |        | 0.010 |        |       | Fenthion             | < LOQ  |               | 0.010 |                           |       |
| Fenvalerate                           | < LOQ  |        | 0.200 |        |       | Fipronil             | < LOQ  |               | 0.010 |                           |       |
| Flonicamid                            | < LOQ  |        | 0.025 |        |       | Fludioxonil          | < LOQ  |               | 0.010 |                           |       |
| Fluopyram                             | < LOQ  |        | 0.010 |        |       | Hexythiazox          | < LOQ  |               | 0.010 |                           |       |
| Imazalil                              | < LOQ  |        | 0.010 |        |       | Imidacloprid         | < LOQ  |               | 0.010 |                           |       |
| Iprodione                             | < LOQ  |        | 0.500 |        |       | Kinoprene            | < LOQ  |               | 0.050 |                           |       |
| Kresoxim-methyl                       | < LOQ  |        | 0.010 |        |       | Malathion            | < LOQ  |               | 0.010 |                           |       |
| Metalaxyl                             | < LOQ  |        | 0.010 |        |       | Methiocarb           | < LOQ  |               | 0.010 |                           |       |
| Methomyl                              | < LOQ  |        | 0.025 |        |       | Methoprene           | < LOQ  |               | 1.00  |                           |       |
| Mevinphos                             | < LOQ  |        | 0.025 |        |       | MGK-264              | < LOQ  |               | 0.050 |                           |       |
| Myclobutanil                          | < LOQ  |        | 0.010 |        |       | Naled                | < LOQ  |               | 0.100 |                           |       |
| Novaluron                             | < LOQ  |        | 0.025 |        |       | Oxamyl               | < LOQ  |               | 0.500 |                           |       |
| Paclbutrazole                         | < LOQ  |        | 0.010 |        |       | Parathion-Methyl     | < LOQ  |               | 0.030 |                           |       |
| Permethrin                            | < LOQ  |        | 0.040 |        |       | Phenothrin           | < LOQ  |               | 0.025 |                           |       |
| Phosmet                               | < LOQ  |        | 0.010 |        |       | Piperonyl butoxide   | < LOQ  |               | 0.200 |                           |       |
| Pirimicarb                            | < LOQ  |        | 0.010 |        |       | Prallethrin          | < LOQ  |               | 0.050 |                           |       |
| Propiconazole                         | < LOQ  |        | 0.010 |        |       | Propoxur             | < LOQ  |               | 0.010 |                           |       |
| Pyraclostrobin                        | < LOQ  |        | 0.010 |        |       | Pyrethrins (total)   | < LOQ  |               | 0.025 |                           |       |
| Pyridaben                             | < LOQ  |        | 0.020 |        |       | Pyriproxyfen         | < LOQ  |               | 0.010 |                           |       |
| Quintozene                            | < LOQ  |        | 0.020 |        |       | Resmethrin           | < LOQ  |               | 0.020 |                           |       |
| Spinetoram                            | < LOQ  |        | 0.010 |        |       | Spinosad             | < LOQ  |               | 0.010 |                           |       |
| Spirodiclofen                         | < LOQ  |        | 0.250 |        |       | Spiromesifen         | < LOQ  |               | 0.030 |                           |       |



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| Pesticides                            |        |        |       |        |       |                   |        |               |       |                           |       |
|---------------------------------------|--------|--------|-------|--------|-------|-------------------|--------|---------------|-------|---------------------------|-------|
| Method: AOAC 2007.01 & EN 15662 (mod) |        |        |       |        |       | Units mg/kg       |        | Batch 2308735 |       | Analyze 07/03/23 10:21 AM |       |
| Analyte                               | Result | Limits | LOQ   | Status | Notes | Analyte           | Result | Limits        | LOQ   | Status                    | Notes |
| Spirotetramat                         | < LOQ  |        | 0.010 |        |       | Spiroxamine       | < LOQ  |               | 0.010 |                           |       |
| Tebuconazole                          | < LOQ  |        | 0.010 |        |       | Tebuconazole      | < LOQ  |               | 0.010 |                           |       |
| Teflubenzuron                         | < LOQ  |        | 0.025 |        |       | Tetrachlorvinphos | < LOQ  |               | 0.010 |                           |       |
| Tetramethrin                          | < LOQ  |        | 0.050 |        |       | Thiabendazole     | < LOQ  |               | 0.020 |                           |       |
| Thiacloprid                           | < LOQ  |        | 0.010 |        |       | Thiamethoxam      | < LOQ  |               | 0.010 |                           |       |
| Thiophanate-Methyl                    | < LOQ  |        | 0.030 |        |       | Trifloxystrobin   | < LOQ  |               | 0.010 |                           |       |

| Mycotoxins        |        |        |       |      |         |          |  |        |       |  |
|-------------------|--------|--------|-------|------|---------|----------|--|--------|-------|--|
| Analyte           | Result | Limits | Units | LOQ  | Batch   | Analyzed | Method                                     | Status | Notes |  |
| Aflatoxin B2*     | < LOQ  |        | µg/kg | 5.00 | 2308715 | 06/30/23 | AOAC 2007.01 & EN 15662 (mod) <sup>P</sup> |        |       |  |
| Aflatoxin B1*     | < LOQ  |        | µg/kg | 5.00 | 2308715 | 06/30/23 | AOAC 2007.01 & EN 15662 (mod) <sup>P</sup> |        |       |  |
| Aflatoxin G1*     | < LOQ  |        | µg/kg | 5.00 | 2308715 | 06/30/23 | AOAC 2007.01 & EN 15662 (mod) <sup>P</sup> |        |       |  |
| Aflatoxin G2*     | < LOQ  |        | µg/kg | 5.00 | 2308715 | 06/30/23 | AOAC 2007.01 & EN 15662 (mod) <sup>P</sup> |        |       |  |
| Ochratoxin A*     | < LOQ  |        | µg/kg | 5.00 | 2308715 | 06/30/23 | AOAC 2007.01 & EN 15662 (mod) <sup>P</sup> |        |       |  |
| Total Aflatoxins* | 0.000  |        | µg/kg | 20.0 |         | 07/05/23 | AOAC 2007.01 & EN 15662 (mod) <sup>P</sup> |        |       |  |



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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

cfu/g = Colony forming units per gram

g = g

µg/kg = Micrograms per kilogram = parts per billion (ppb)

mg/kg = Milligram per kilogram = parts per million (ppm)

mg/1g = Milligram per 1g

/g = Per gram

% = Percentage of sample

% wt = µg/g divided by 10,000

### Glossary of Qualifiers

I: Insufficient sample received to meet method requirements.

Approved Signatory

Derrick Tanner  
General Manager



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Revision: 4 Document ID: 7148  
 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2308651

| Laboratory Control Sample |     |        |        |       |       |        |       |            |       |
|---------------------------|-----|--------|--------|-------|-------|--------|-------|------------|-------|
| Analyte                   | LCS | Result | Spike  | Units | % Rec | Limits |       | Evaluation | Notes |
| CBDVA                     | 2   | 0.0324 | 0.0316 | %     | 102   | 80.0   | - 120 | Acceptable |       |
| CBDV                      | 2   | 0.0321 | 0.0315 | %     | 102   | 80.0   | - 120 | Acceptable |       |
| CBE                       | 2   | 0.0351 | 0.0348 | %     | 101   | 80.0   | - 120 | Acceptable |       |
| CBDA                      | 1   | 0.0336 | 0.0333 | %     | 101   | 90.0   | - 110 | Acceptable |       |
| CBGA                      | 1   | 0.0322 | 0.0330 | %     | 97.3  | 80.0   | - 120 | Acceptable |       |
| CBG                       | 1   | 0.0357 | 0.0380 | %     | 94.1  | 80.0   | - 120 | Acceptable |       |
| CBD                       | 1   | 0.0373 | 0.0370 | %     | 101   | 90.0   | - 110 | Acceptable |       |
| THCV                      | 2   | 0.0243 | 0.0236 | %     | 103   | 80.0   | - 120 | Acceptable |       |
| d8THCV                    | 2   | 0.0282 | 0.0279 | %     | 101   | 80.0   | - 120 | Acceptable |       |
| THCVA                     | 2   | 0.0315 | 0.0308 | %     | 102   | 80.0   | - 120 | Acceptable |       |
| CBN                       | 1   | 0.0348 | 0.0350 | %     | 99.3  | 80.0   | - 120 | Acceptable |       |
| exo-THC                   | 2   | 0.0285 | 0.0283 | %     | 101   | 80.0   | - 120 | Acceptable |       |
| d9THC                     | 1   | 0.0361 | 0.0361 | %     | 100.0 | 90.0   | - 110 | Acceptable |       |
| d8THC                     | 1   | 0.0454 | 0.0450 | %     | 101   | 90.0   | - 110 | Acceptable |       |
| 9S-d10THC                 | 1   | 0.0256 | 0.0255 | %     | 100   | 80.0   | - 120 | Acceptable |       |
| CBL                       | 2   | 0.0315 | 0.0311 | %     | 101   | 80.0   | - 120 | Acceptable |       |
| 9R-d10THC                 | 1   | 0.0329 | 0.0329 | %     | 99.9  | 80.0   | - 120 | Acceptable |       |
| CBC                       | 2   | 0.0298 | 0.0293 | %     | 102   | 80.0   | - 120 | Acceptable |       |
| THCA                      | 1   | 0.0332 | 0.0331 | %     | 101   | 90.0   | - 110 | Acceptable |       |
| CBCA                      | 2   | 0.0327 | 0.0320 | %     | 102   | 80.0   | - 120 | Acceptable |       |
| CBLA                      | 2   | 0.0310 | 0.0302 | %     | 102   | 80.0   | - 120 | Acceptable |       |
| d9THCP                    | 2   | 0.0326 | 0.0326 | %     | 100.0 | 80.0   | - 120 | Acceptable |       |
| CBT                       | 2   | 0.0325 | 0.0326 | %     | 99.5  | 80.0   | - 120 | Acceptable |       |

| Method Blank |        |         |       |           |            |       |
|--------------|--------|---------|-------|-----------|------------|-------|
| Analyte      | Result | LOQ     | Units | Limits    | Evaluation | Notes |
| CBDVA        | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBDV         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBE          | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBDA         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBGA         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBG          | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBD          | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| THCV         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| d8THCV       | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| THCVA        | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBN          | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| exo-THC      | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| d9THC        | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| d8THC        | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| 9S-d10THC    | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBL          | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| 9R-d10THC    | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBC          | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| THCA         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBCA         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBLA         | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| d9THCP       | <LOQ   | 0.00324 | %     | < 0.00324 | Acceptable |       |
| CBT          | <LOQ   | 0.00324 | %     | < 0.00324 | 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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Laboratory Quality Control Results

| J AOAC 2015 V98-6 |         | Batch ID: 2308651         |         |       |      |        |            |       |
|-------------------|---------|---------------------------|---------|-------|------|--------|------------|-------|
| Sample Duplicate  |         | Sample ID: 23-007585-0001 |         |       |      |        |            |       |
| Analyte           | Result  | Org. Result               | LOQ     | Units | RPD  | Limits | Evaluation | Notes |
| CBDVA             | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBDV              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBE               | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBD               | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBDA              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBGA              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBG               | 0.290   | 0.287                     | 0.00324 | %     | 1.07 | < 20   | Acceptable |       |
| CBD               | 0.580   | 0.573                     | 0.00324 | %     | 1.10 | < 20   | Acceptable |       |
| THCV              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| d8THCV            | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| THCVA             | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBN               | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| exo-THC           | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| d9THC             | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| d8THC             | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| 9S-d10THC         | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBL               | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| 9R-d10THC         | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBC               | 0.00487 | 0.00462                   | 0.00324 | %     | 5.37 | < 20   | Acceptable |       |
| THCA              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBCA              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBLA              | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| d9THCP            | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |
| CBT               | <LOQ    | <LOQ                      | 0.00324 | %     | NA   | < 20   | Acceptable |       |

Abbreviations

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

Units of Measure:

% - Percent



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



**Report Number:** 23-007627/D003.R000  
**Report Date:** 07/05/2023  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 06/27/23 13:40







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.                      |



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



**Report Number:** 21-013634/D011.R000  
**Report Date:** 11/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/21 00:00

**Customer:** IHC LLC  
**Product identity:** 01LIR209\_SG  
**Client/Metric ID:** .  
**Laboratory ID:** 21-013634-0004

### Summary

**Potency:**

| Analyte | Result (%) |  |                                       |       |
|---------|------------|--|---------------------------------------|-------|
| CBD-A   | 70.2       |  | CBD-Total                             | 62.1% |
| CBG-A†  | 3.34       |  | THC-Total                             | 2.48% |
| CBC-A†  | 3.20       |  | (Reported in percent of total sample) |       |
| THC-A   | 2.83       |  |                                       |       |
| CBDV-A† | 1.08       |  |                                       |       |
| CBD     | 0.532      |  |                                       |       |
| CBG†    | 0.227      |  |                                       |       |
| CBL-A†  | 0.114      |  |                                       |       |



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



**Report Number:** 21-013634/D011.R000  
**Report Date:** 11/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/21 00:00

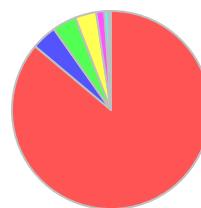
**Customer:** IHC LLC  
825 NW 16th Ave  
Portland Oregon 97209  
United States of America (USA)

**Product identity:** 01LIR209\_SG  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 21-013634-0004  
**Evidence of Cooling:** No  
**Temp:** 20.1 °C  
**Relinquished by:** Client



### Sample Results

| Potency                    | Method J AOAC 2015 V98-6 (mod) |            |        | Units % | Batch: 2110540 | Analyze: 11/19/21 11:12:00 P |
|----------------------------|--------------------------------|------------|--------|---------|----------------|------------------------------|
| Analyte                    | As Received                    | Dry weight | LOQ    | Notes   |                |                              |
| CBC                        | < LOQ                          |            | 0.0948 |         |                |                              |
| CBC-A†                     | 3.20                           |            | 0.0948 |         |                |                              |
| CBC-Total†                 | 2.81                           |            | 0.178  |         |                |                              |
| CBD                        | 0.532                          |            | 0.0948 |         |                |                              |
| CBD-A                      | 70.2                           |            | 0.948  |         |                |                              |
| CBD-Total                  | 62.1                           |            | 0.926  |         |                |                              |
| CBDV†                      | < LOQ                          |            | 0.0948 |         |                |                              |
| CBDV-A†                    | 1.08                           |            | 0.0948 |         |                |                              |
| CBDV-Total†                | 0.936                          |            | 0.177  |         |                |                              |
| CBE†                       | < LOQ                          |            | 0.0948 |         |                |                              |
| CBG†                       | 0.227                          |            | 0.0948 |         |                |                              |
| CBG-A†                     | 3.34                           |            | 0.0948 |         |                |                              |
| CBG-Total                  | 3.16                           |            | 0.177  |         |                |                              |
| CBL†                       | < LOQ                          |            | 0.0948 |         |                |                              |
| CBL-A†                     | 0.114                          |            | 0.0948 |         |                |                              |
| CBL-Total†                 | < LOQ                          |            | 0.178  |         |                |                              |
| CBN                        | < LOQ                          |            | 0.0948 |         |                |                              |
| CBT†                       | < LOQ                          |            | 0.0948 |         |                |                              |
| Δ8-THC†                    | < LOQ                          |            | 0.0948 |         |                |                              |
| Δ8-THCV                    | < LOQ                          |            | 0.0948 |         |                |                              |
| Δ9-THC                     | < LOQ                          |            | 0.0948 |         |                |                              |
| THC-A                      | 2.83                           |            | 0.0948 |         |                |                              |
| THC-Total                  | 2.48                           |            | 0.178  |         |                |                              |
| THCV†                      | < LOQ                          |            | 0.0948 |         |                |                              |
| THCV-A†                    | < LOQ                          |            | 0.0948 |         |                |                              |
| THCV-Total†                | < LOQ                          |            | 0.177  |         |                |                              |
| <b>Total Cannabinoids†</b> | <b>81.5</b>                    |            |        |         |                |                              |



- CBD-A
- CBL-A
- CBE
- CBN
- CBL



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



**Report Number:** 21-013634/D011.R000  
**Report Date:** 11/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/21 00:00

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

Approved Signatory

Derrick Tanner  
General Manager



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

Report Number: 21-013634/D011.R000  
 Report Date: 11/24/2021  
 ORELAP#: OR100028  
 Purchase Order:  
 Received: 11/18/21 00:00



Hemp / Cannabis Usable / Extract / Finished Products  
 Chain of Custody Record

Revision: 4.00 Control#: CF023 Rev 02/24/2021 Eff: 03/04/2021  
 ORELAP#: OR100028

| Company: IHL<br>Contact: Kyle Farrow<br>Street: 431 NW Flanders St<br>City: Portland State: OR Zip: 97209<br><input type="checkbox"/> Email Results: Dropbox<br>Pk: (B1) 608184 <input type="checkbox"/> Pa Results: ( )<br>Billing (if different): keth@thehemppcollect.com |                              |       |       | <b>Analysis Requested</b><br>Verticillium - OR59 compounds<br>Fusarium Multi-Residue - 379 compounds<br>Penicillium<br>Fungal Solvents<br>Moisture & Water Activity<br>Terpenes<br>Micro: Yeast and Mold<br>Micro: E. Coli and Total Coliform<br>Heavy Metals<br>Microbiome<br>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 type="checkbox"/> 5 Business Day Standard Turnaround<br><input type="checkbox"/> 3 Business Day Rush Turnaround*<br><input checked="" type="checkbox"/> 2 Business Day Rush Turnaround*<br><small>*Check for availability</small> |                          |                |   |
|--|------------------------------|-------|-------|---|--|-------------|-----------------|---------------------------|--|-----------------------|-----------------------------------|--------------|------------|---|--------------------------|----------------|---|
| Lab ID   | Client Sample Identification | Date  | Time  | Verticillium - OR59 compounds   | Fusarium Multi-Residue - 379 compounds | Penicillium | Fungal Solvents | Moisture & Water Activity | Terpenes   | Micro: Yeast and Mold | Micro: E. Coli and Total Coliform | Heavy Metals | Microbiome | Other   | Sample Type <sup>1</sup> | Weight (Units) | Comments/Metric ID                                    |
| 1  | 03DST212_Amber               | 11/18 |       | X   | X                                      | X           |                 |                           |  |                       |                                   | X            |            |   | C                        |                | Full panel doesn't need to be rushed, just potencies. |
| 2  | 03DST212_Clear               | 11/18 |       |   |  | X           |                 |                           |  |                       |                                   |              |            |   | C                        |                |   |
| 3  | 01LIR209_PW                  | 11/18 |       |   |  | X           |                 |                           |  |                       |                                   |              |            |   | C                        |                |   |
| 4  | 01LIR209_SG                  | 11/18 |       |   |  | X           |                 |                           |  |                       |                                   |              |            |   | C                        |                |   |
| 5  | 01LIR209_PA                  | 11/18 |       |   |  | X           |                 |                           |  |                       |                                   |              |            |   | C                        |                |   |
| 6  | 01LIR209_PP                  | 11/18 |       |   |  | X           |                 |                           |  |                       |                                   |              |            |   | C                        |                |   |
| 7  | 01LIR209_OGK                 | 11/18 |       |   |  | X           |                 |                           |  |                       |                                   |              |            |   | C                        |                |   |
| Requested by:  |                              | Date: | Time: | Received by:  |  |             | Date:           | Time:                     | Lab Use Only:  |                       |                                   |              |            |   |                          |                |   |
| Kyle Farrow  |                              | 11/18 | 4:00  | DS  |  |             | 11/18/21        | 15:46                     | <input type="checkbox"/> Shipped Via: _____ <input checked="" type="checkbox"/> Client drop<br>Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): 20.1°C<br>Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> Cash   <input type="checkbox"/> Check   <input type="checkbox"/> CC   <input type="checkbox"/> Net<br>Prelog storage: _____ |                       |                                   |              |            |   |                          |                |   |

<sup>1</sup> - Sample Type Codes: Vegetation (V) ; Isolates (I) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (E) ; Beverage (B)

Samples submitted to Columbia Laboratories with analog equipment must be in approved (for services to be provided) with the correct setup of analyzer structure with the LTR. Drugging "Not Reported" are not appearing in this form  
 12423 NE Whitaker Way  
 Portland, OR 97230  
 P: (503) 254-1794 | Fax: (503) 254-0462  
 info@columbialaboratories.com  
 Page \_\_\_\_\_ of \_\_\_\_\_  
 www.columbialaboratories.com



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



**Report Number:** 21-013634/D011.R000  
**Report Date:** 11/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/21 00:00

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: 2110540**

| Laboratory Control Sample |        |       |       |       |            |            |       |
|---------------------------|--------|-------|-------|-------|------------|------------|-------|
| Analyte                   | Result | Spike | Units | % Rec | Limits     | Evaluation | Notes |
| CBDVA                     | 0.216  | 0.2   | %     | 108   | 85.0 - 115 | Acceptable |       |
| CBDV                      | 0.226  | 0.2   | %     | 113   | 85.0 - 115 | Acceptable |       |
| CBE                       | 0.195  | 0.2   | %     | 97.6  | 85.0 - 115 | Acceptable |       |
| CBDA                      | 0.209  | 0.2   | %     | 105   | 85.0 - 115 | Acceptable |       |
| CBGA                      | 0.216  | 0.2   | %     | 108   | 85.0 - 115 | Acceptable |       |
| CBG                       | 0.217  | 0.2   | %     | 108   | 85.0 - 115 | Acceptable |       |
| CBD                       | 0.197  | 0.2   | %     | 98.7  | 85.0 - 115 | Acceptable |       |
| THCV                      | 0.205  | 0.2   | %     | 103   | 85.0 - 115 | Acceptable |       |
| d8THCV                    | 0.185  | 0.2   | %     | 92.4  | 85.0 - 115 | Acceptable |       |
| THCVA                     | 0.212  | 0.2   | %     | 106   | 85.0 - 115 | Acceptable |       |
| CBN                       | 0.198  | 0.2   | %     | 99.2  | 85.0 - 115 | Acceptable |       |
| exo-THC                   | 0.174  | 0.2   | %     | 87.1  | 85.0 - 115 | Acceptable |       |
| d9THC                     | 0.186  | 0.2   | %     | 93.1  | 85.0 - 115 | Acceptable |       |
| d8THC                     | 0.206  | 0.2   | %     | 103   | 85.0 - 115 | Acceptable |       |
| CBL                       | 0.193  | 0.2   | %     | 96.4  | 85.0 - 115 | Acceptable |       |
| CBC                       | 0.216  | 0.2   | %     | 108   | 85.0 - 115 | Acceptable |       |
| THCA                      | 0.204  | 0.2   | %     | 102   | 85.0 - 115 | Acceptable |       |
| CBCA                      | 0.223  | 0.2   | %     | 112   | 85.0 - 115 | Acceptable |       |
| CBLA                      | 0.203  | 0.2   | %     | 102   | 85.0 - 115 | Acceptable |       |
| CBT                       | 0.216  | 0.2   | %     | 108   | 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 |       |
| CBDA    | <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



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



**Report Number:** 21-013634/D011.R000  
**Report Date:** 11/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/21 00:00

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: 2110540         |     |       |       |        |            |       |
|-------------------|--------|---------------------------|-----|-------|-------|--------|------------|-------|
| Sample Duplicate  |        | Sample ID: 21-013424-0001 |     |       |       |        |            |       |
| 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 |       |
| CBDA              | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| CBGA              | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| CBG               | 3.50   | 3.48                      | 0.1 | %     | 0.674 | < 20   | Acceptable |       |
| CBD               | 2.82   | 2.76                      | 0.1 | %     | 1.86  | < 20   | Acceptable |       |
| THCV              | 0.475  | 0.462                     | 0.1 | %     | 2.70  | < 20   | Acceptable |       |
| d8THCV            | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| THCVA             | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| CBN               | 2.48   | 2.44                      | 0.1 | %     | 1.44  | < 20   | Acceptable |       |
| exo-THC           | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| d9THC             | 73.4   | 74.4                      | 0.1 | %     | 1.41  | < 20   | Acceptable |       |
| d8THC             | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| CBL               | <LOQ   | <LOQ                      | 0.1 | %     | NA    | < 20   | Acceptable |       |
| CBC               | 0.362  | 0.351                     | 0.1 | %     | 3.25  | < 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               | 1.69   | 1.62                      | 0.1 | %     | 4.41  | < 20   | Acceptable |       |

**Abbreviations**

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

**Units of Measure:**

% - Percent



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

**Report Number:** 21-013634/D011.R000  
**Report Date:** 11/24/2021  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 11/18/21 00:00



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.                      |