



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



**Report Number:** 22-004632/D004.R000  
**Report Date:** 04/27/2022  
**ORELAP#:** OR100028  
**Purchase Order:**  
**Received:** 04/22/22 16:25

**Customer:** IHC LLC  
**Product identity:** 14ISO  
**Client/Metric ID:** .  
**Laboratory ID:** 22-004632-0003

### Summary

**Potency:**

| Analyte           | Result (%) |  |                                       |
|-------------------|------------|--|---------------------------------------|
| THCV <sup>1</sup> | 84.7       |  | CBD-Total <LOQ                        |
| Δ8-THCV           | 10.2       |  | THC-Total <LOQ                        |
| CBDV <sup>1</sup> | 1.23       |  | (Reported in percent of total sample) |



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**Purchase Order:**  
**Received:** 04/22/22 16:25

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

**Product identity:** 14ISO  
**Client/Metric ID:** .  
**Sample Date:**  
**Laboratory ID:** 22-004632-0003  
**Evidence of Cooling:** No  
**Temp:** 22.3 °C  
**Relinquished by:** Client



### Sample Results

| Potency                               | Method J AOAC 2015 V98-6 (mod) |            |        | Units % | Batch: 2203603  | Analyze: 4/27/22 11:41:00 AM |
|---------------------------------------|--------------------------------|------------|--------|---------|---|------------------------------|
| Analyte                               | As Received                    | Dry weight | LOQ    | Notes   |   |                              |
| CBC                                   | < LOQ                          |            | 0.0694 |         | <ul style="list-style-type: none"> <li>● THC</li> <li>● 8-THC</li> <li>● CBD</li> </ul> |                              |
| CBC-A <sup>†</sup>                    | < LOQ                          |            | 0.0694 |         |   |                              |
| CBC-Total <sup>†</sup>                | < LOQ                          |            | 0.130  |         |   |                              |
| CBD                                   | < LOQ                          |            | 0.0694 |         |   |                              |
| CBD-A                                 | < LOQ                          |            | 0.0694 |         |   |                              |
| CBD-Total                             | < LOQ                          |            | 0.130  |         |   |                              |
| CBDV <sup>†</sup>                     | 1.23                           |            | 0.0694 |         |   |                              |
| CBDV-A <sup>†</sup>                   | < LOQ                          |            | 0.0694 |         |   |                              |
| CBDV-Total <sup>†</sup>               | 1.23                           |            | 0.130  |         |   |                              |
| CBE <sup>†</sup>                      | < LOQ                          |            | 0.0694 |         |   |                              |
| CBG <sup>†</sup>                      | < LOQ                          |            | 0.0694 |         |   |                              |
| CBG-A <sup>†</sup>                    | < LOQ                          |            | 0.0694 |         |   |                              |
| CBG-Total                             | < LOQ                          |            | 0.130  |         |   |                              |
| CBL <sup>†</sup>                      | < LOQ                          |            | 0.0694 |         |   |                              |
| CBL-A <sup>†</sup>                    | < LOQ                          |            | 0.0694 |         |   |                              |
| CBL-Total <sup>†</sup>                | < LOQ                          |            | 0.130  |         |   |                              |
| CBN                                   | < LOQ                          |            | 0.0694 |         |   |                              |
| CBT <sup>†</sup>                      | < LOQ                          |            | 0.0694 |         |   |                              |
| Δ8-THC                                | < LOQ                          |            | 0.0694 |         |   |                              |
| Δ8-THCV                               | 10.2                           |            | 0.0694 |         |   |                              |
| Δ9-THC                                | < LOQ                          |            | 0.0694 |         |   |                              |
| exo-THC                               | < LOQ                          |            | 0.0694 |         |   |                              |
| THC-A                                 | < LOQ                          |            | 0.0694 |         |   |                              |
| THC-Total                             | < LOQ                          |            | 0.130  |         |   |                              |
| THCV <sup>†</sup>                     | 84.7                           |            | 0.694  |         |   |                              |
| THCV-A <sup>†</sup>                   | < LOQ                          |            | 0.0694 |         |   |                              |
| THCV-Total <sup>†</sup>               | 84.7                           |            | 0.754  |         |   |                              |
| <b>Total Cannabinoids<sup>†</sup></b> | <b>96.1</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

Approved Signatory

Derrick Tanner  
General Manager



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

Revision: 4.00 Control#: CPO23 Rev 02/24/2021 Eff: 03/04/2021  
ORELAP ID: OR100028

|   |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
|---|---|---------|-------------------|---|----------|--------------------------|------------------------------------|---|------------|--------|--------------------------|---------------------------------|---|---------|-------------------|--------------------------|----------|--------------------------|------------------------------------|--------------|------------|--------|--|--|---|--|--|--|--|--|--|--|--|---|--|--|--|
| Company: <u>The Hemp Collect</u><br>Contact: <u>Kyle Harook</u><br>Street: <u>431 NW Flinders st.</u><br>City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u><br><input type="checkbox"/> Email Results: <u>kyle@thehempcollect.com</u><br>P#: <u>(503) 9081664</u> <input type="checkbox"/> Fx Results: ( )<br>Billing (if different): |   |         |                   | <b>Analysis Requested</b><br><table border="1"> <tr> <td>Prostolides - OR 50 (completed)</td> <td>Peristable Multi-Residual - 573 (completed)</td> <td>Potency</td> <td>Residual Solvents</td> <td>Moldure &amp; Water Activity</td> <td>Terpenes</td> <td>Microbial Yeast and Mold</td> <td>Micro: E. coli and Total Coliforms</td> <td>Heavy Metals</td> <td>Mycotoxins</td> <td>Other:</td> </tr> <tr> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |          |                          |                                    |   |            |        |                          | Prostolides - OR 50 (completed) | Peristable Multi-Residual - 573 (completed) | Potency | Residual Solvents | Moldure & Water Activity | Terpenes | Microbial Yeast and Mold | Micro: E. coli and Total Coliforms | Heavy Metals | Mycotoxins | Other: |  |  | X |  |  |  |  |  |  |  |  | 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 checked="" type="checkbox"/> 3 Business Day Rush Turnaround*<br><input type="checkbox"/> 2 Business Day Rush Turnaround*<br><small>*Tested for availability</small> |  |  |  |
| Prostolides - OR 50 (completed)   | Peristable Multi-Residual - 573 (completed) | Potency | Residual Solvents | Moldure & Water Activity  | Terpenes | Microbial Yeast and Mold | Micro: E. coli and Total Coliforms | Heavy Metals  | Mycotoxins | Other: |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
|   |   | X       |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| Lab ID  | Client Sample Identification                | Date    | Time              |   |          |                          |                                    |   |            |        | Sample Type <sup>1</sup> | Weight (Units)                  | Comments/Notes (S)                          |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 1   | 13FTMH215                                   | 4/22    |                   |   |          |                          |                                    |   |            |        | C                        |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 2   | 01FLT101_Lifter                             | 4/22    |                   |   |          |                          |                                    |   |            |        | V                        |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 3   | 14ISO                                       | 4/22    |                   |   |          |                          |                                    |   |            |        | S                        |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 4   | 07ISO213                                    | 4/22    |                   |   |          |                          |                                    |   |            |        | S                        |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 5   |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 6   |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 7   |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 8   |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 9   |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| 10  |   |         |                   |   |          |                          |                                    |   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| Relinquished By:  |   | Date:   | Time:             | Received By:  |          | Date:                    | Time:                              | Lab Use Only:   |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |
| Joel Thompson   |   | 4/22    | 4:45              | DS  |          | 4/22/22                  | 16:25                              | <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> client drop<br>Evidence of cooling: <input type="checkbox"/> Yes   <input checked="" type="checkbox"/> No - Temp (°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>Pre-log storage: _____ |            |        |                          |                                 |   |         |                   |                          |          |                          |                                    |              |            |        |  |  |   |  |  |  |  |  |  |  |  |   |  |  |  |

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

Sample delivered to Columbia Laboratories with testing requirements constitutes an agreement for services in accordance with the current terms of service associated with this OLC. By signing "Relinquished By" you are agreeing to these terms.  
 12423 NE Whitaker Way Portland, OR 97230 P: (503) 254-1792 / Fax: (503) 254-1462 www.columbialaboratories.com Page 4 of 8



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Revision: 1 Document ID: 7148  
Legacy ID: Worksheet Validated 04/20/2021

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 2203603**

| Laboratory Control Sample |        |       |       |       |        |       |            |       |
|---------------------------|--------|-------|-------|-------|--------|-------|------------|-------|
| Analyte                   | Result | Spike | Units | % Rec | Limits |       | Evaluation | Notes |
| CBDVA                     | 0.0976 | 0.100 | %     | 97.6  | 80.0   | - 120 | Acceptable |       |
| CBDV                      | 0.108  | 0.100 | %     | 108   | 80.0   | - 120 | Acceptable |       |
| CBE                       | 0.0993 | 0.100 | %     | 99.3  | 80.0   | - 120 | Acceptable |       |
| CBDA                      | 0.107  | 0.100 | %     | 107   | 90.0   | - 110 | Acceptable |       |
| CBGA                      | 0.0960 | 0.100 | %     | 96.0  | 80.0   | - 120 | Acceptable |       |
| CBG                       | 0.0972 | 0.100 | %     | 97.2  | 80.0   | - 120 | Acceptable |       |
| CBD                       | 0.106  | 0.100 | %     | 106   | 90.0   | - 110 | Acceptable |       |
| THCV                      | 0.0967 | 0.100 | %     | 96.7  | 80.0   | - 120 | Acceptable |       |
| d8THCV                    | 0.0988 | 0.100 | %     | 98.8  | 80.0   | - 120 | Acceptable |       |
| THCVA                     | 0.0934 | 0.100 | %     | 93.4  | 80.0   | - 120 | Acceptable |       |
| CBN                       | 0.105  | 0.100 | %     | 105   | 90.0   | - 110 | Acceptable |       |
| exo-THC                   | 0.0938 | 0.100 | %     | 93.8  | 80.0   | - 120 | Acceptable |       |
| d9THC                     | 0.105  | 0.100 | %     | 105   | 90.0   | - 110 | Acceptable |       |
| d8THC                     | 0.0891 | 0.100 | %     | 89.1  | 80.0   | - 120 | Acceptable |       |
| CBL                       | 0.0928 | 0.100 | %     | 92.8  | 80.0   | - 120 | Acceptable |       |
| CBC                       | 0.0918 | 0.100 | %     | 91.8  | 80.0   | - 120 | Acceptable |       |
| THCA                      | 0.101  | 0.100 | %     | 101   | 90.0   | - 110 | Acceptable |       |
| CBCA                      | 0.0942 | 0.100 | %     | 94.2  | 80.0   | - 120 | Acceptable |       |
| CBLA                      | 0.103  | 0.100 | %     | 103   | 80.0   | - 120 | Acceptable |       |
| CBT                       | 0.0849 | 0.100 | %     | 84.9  | 80.0   | - 120 | Acceptable |       |

**Method Blank**

| Analyte | Result | LOQ   | Units | Limits  |  | Evaluation | Notes |
|---------|--------|-------|-------|---------|--|------------|-------|
| CBDVA   | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBDV    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBE     | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBDA    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBGA    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBG     | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBD     | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| THCV    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| d8THCV  | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| THCVA   | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBN     | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| exo-THC | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| d9THC   | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| d8THC   | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBL     | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBC     | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| THCA    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBCA    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBLA    | < LOQ  | 0.077 | %     | < 0.077 |  | Acceptable |       |
| CBT     | < LOQ  | 0.077 | %     | < 0.077 |  | 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: 2203603         |       |       |       |        |            |       |
|-------------------|--------|---------------------------|-------|-------|-------|--------|------------|-------|
| Sample Duplicate  |        | Sample ID: 22-004582-0001 |       |       |       |        |            |       |
| Analyte           | Result | Org. Result               | LOQ   | Units | RPD   | Limits | Evaluation | Notes |
| CBDVA             | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBDV              | 1.42   | 1.40                      | 0.077 | %     | 1.62  | < 20   | Acceptable |       |
| CBE               | 1.20   | 1.17                      | 0.077 | %     | 2.45  | < 20   | Acceptable |       |
| CBDA              | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBGA              | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBG               | 0.797  | 0.748                     | 0.077 | %     | 6.35  | < 20   | Acceptable |       |
| CBD               | 49.4   | 48.0                      | 0.077 | %     | 2.74  | < 20   | Acceptable |       |
| THCV              | 0.475  | 0.471                     | 0.077 | %     | 0.679 | < 20   | Acceptable |       |
| d8THCV            | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| THCVA             | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBN               | 1.00   | 0.986                     | 0.077 | %     | 1.72  | < 20   | Acceptable |       |
| exo-THC           | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| d9THC             | 3.25   | 3.23                      | 0.077 | %     | 0.772 | < 20   | Acceptable |       |
| d8THC             | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBL               | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBC               | 1.27   | 1.26                      | 0.077 | %     | 0.321 | < 20   | Acceptable |       |
| THCA              | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| BCA               | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBLA              | < LOQ  | < LOQ                     | 0.077 | %     | NA    | < 20   | Acceptable |       |
| CBT               | 0.913  | 0.902                     | 0.077 | %     | 1.22  | < 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.                      |