



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



Report Number: 22-010580/D003.R000
Report Date: 09/13/2022
ORELAP#: OR100028
Purchase Order:
Received: 09/06/22 13:15

Customer: IHC LLC
Product identity: Live D8 - PB
Client/Metric ID: .
Laboratory ID: 22-010580-0004

Summary

Terpenes:

| Analyte | Percent by weight | Percent of Total | Analyte | Percent by weight | Percent of Total |
|------------------|-------------------|------------------|-----------------------|-------------------|------------------|
| β-Myrcene | 1.37 | 54.80% | p-Cymene | 0.312 | 12.48% |
| (R)-(+)-Limonene | 0.208 | 8.32% | α-pinene | 0.138 | 5.52% |
| farnesene | 0.116 | 4.64% | β-Caryophyllene | 0.0847 | 3.39% |
| Terpinolene | 0.0723 | 2.89% | (-)-β-Pinene | 0.0633 | 2.53% |
| trans-β-Ocimene | 0.0500 | 2.00% | Humulene | 0.0451 | 1.80% |
| α-Bisabolol | 0.0404 | 1.62% | Total Terpenes | 2.50 | 100.00% |



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

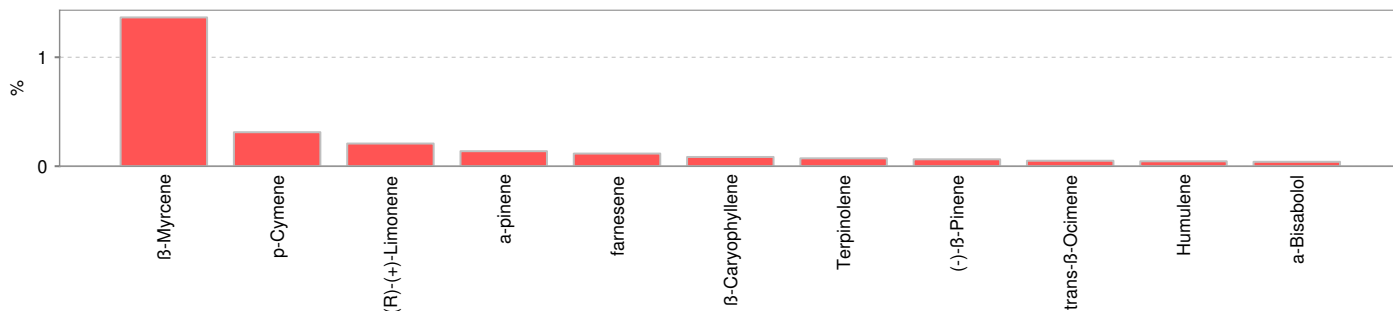
Product identity: Live D8 - PB
Client/Metric ID: .
Sample Date:
Laboratory ID: 22-010580-0004
Evidence of Cooling: No
Temp: 7.4 °C
Relinquished by: Giuffrida



Sample Results



| Terpenes | | | | Method: J AOAC 2015 V98-6 | Units % | Batch 2207586 | Analyze 09/08/22 03:24 AM | | |
|-----------------------|-------------|-------|------------|---------------------------|-------------------------|---------------|---------------------------|------------|-------|
| Analyte | Result | LOQ | % of Total | Notes | Analyte | Result | LOQ | % of Total | Notes |
| β-Myrcene | 1.37 | 0.018 | 54.80% | | p-Cymene | 0.312 | 0.018 | 12.480% | |
| (R)-(+)-Limonene | 0.208 | 0.018 | 8.320% | | α-pinene | 0.138 | 0.018 | 5.520% | |
| farnesene | 0.116 | 0.018 | 4.640% | | β-Caryophyllene | 0.0847 | 0.018 | 3.3880% | |
| Terpinolene | 0.0723 | 0.018 | 2.8920% | | (-)-β-Pinene | 0.0633 | 0.018 | 2.5320% | |
| trans-β-Ocimene | 0.0500 | 0.012 | 2.0000% | | Humulene | 0.0451 | 0.018 | 1.8040% | |
| α-Bisabolol | 0.0404 | 0.018 | 1.6160% | | Linalool | < LOQ | 0.018 | 0.00% | |
| Geraniol | < LOQ | 0.018 | 0.00% | | (-)-Guaiol | < LOQ | 0.018 | 0.00% | |
| α-phellandrene | < LOQ | 0.018 | 0.00% | | nerol | < LOQ | 0.018 | 0.00% | |
| valencene | < LOQ | 0.018 | 0.00% | | (-)-Isopulegol | < LOQ | 0.018 | 0.00% | |
| (±)-Camphor | < LOQ | 0.018 | 0.00% | | (-)-caryophyllene oxide | < LOQ | 0.018 | 0.00% | |
| Geranyl acetate | < LOQ | 0.018 | 0.00% | | (+)-fenchol | < LOQ | 0.018 | 0.00% | |
| (-)-α-Terpineol | < LOQ | 0.018 | 0.00% | | Camphene | < LOQ | 0.018 | 0.00% | |
| d-3-Carene | < LOQ | 0.018 | 0.00% | | (±)-trans-Nerolidol | < LOQ | 0.018 | 0.00% | |
| α-Terpinene | < LOQ | 0.018 | 0.00% | | (+)-Pulegone | < LOQ | 0.018 | 0.00% | |
| Menthol | < LOQ | 0.018 | 0.00% | | Sabinene hydrate | < LOQ | 0.018 | 0.00% | |
| γ-Terpinene | < LOQ | 0.018 | 0.00% | | (±)-cis-Nerolidol | < LOQ | 0.018 | 0.00% | |
| α-cedrene | < LOQ | 0.018 | 0.00% | | (+)-Cedrol | < LOQ | 0.018 | 0.00% | |
| Isoborneol | < LOQ | 0.018 | 0.00% | | (+)-Borneol | < LOQ | 0.018 | 0.00% | |
| (±)-fenchone | < LOQ | 0.018 | 0.00% | | cis-β-Ocimene | < LOQ | 0.006 | 0.00% | |
| Eucalyptol | < LOQ | 0.018 | 0.00% | | Sabinene | < LOQ | 0.018 | 0.00% | |
| Total Terpenes | 2.50 | | | | | | | | |





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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.

Units of Measure

% = Percentage of sample

% wt = $\mu\text{g/g}$ 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: OR300028

| Company: The Hemp Collect Contact: kyle@thehempcollect.com Street: 431 NW Flinders st. City: Portland State: OR Zip: 97209 <input checked="" type="checkbox"/> Email Results: dropbox (IHL) Fx: (b1) SUB104 <input type="checkbox"/> Fx Results: () Billing of different: joel@thehempcollect.com | | | | Analysis Requested | | | | | | | | | | PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State: <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 3 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small> | | | |
|--|------------------------------|--------|-------|------------------------------|---|---------|---------------------|---|----------|-----------------------|---------------------------------|--------------|------------|--|---------------|----------------|-----------------------------|
| Lab ID | Client Sample Identification | Date | Time | Particles - OR 59 (required) | Pesticide Multi-Residue - 375 compounds | Potency | Individual Solvents | Moisture & Water Activity | Terpenes | Mold: Yeast and Mould | Metal: Cd, Pb and Total Cadmium | Heavy Metals | Mycotoxins | Drift: | Sample Type 1 | Weight (units) | Comments/Memo ID |
| 1 | Live D8 - FV | | | | | | | X | | | | | | | C | | Alternate Client name: ATLH |
| 2 | Live D8 - Llama | | | | | | | X | | | | | | | C | | |
| 3 | Live D8 - OG | | | | | | | X | | | | | | | C | | |
| 4 | Live D8 - PB | | | | | | | X | | | | | | | C | | |
| 5 | D8 - SSC_HT | | | | | | | X | | | | | | | C | | |
| 6 | D8 - FF_BT | | | | | | | X | | | | | | | C | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |
| Relinquished by: | | Date | Time | Received by: | | Date | Time | Lab Use Only: | | | | | | | | | |
| Kyle Farook | | 9/6 | 12:30 | [Signature] | | 9/6/22 | 12:18 | <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (C): 7.4 Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prekg storage: _____ | | | | | | | | | |
| [Signature] | | 9/6/22 | 12:40 | AR | | 9/6/22 | 13:35 | | | | | | | | | | |

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

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms.
12423 NE Whitaker Way Portland, OR 97230 P: (503) 254-1794 / Fax: (503) 254-2432 Page _____ of _____
www.columbialaboratories.com



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Report Number: 22-010580/D003.R000
Report Date: 09/13/2022
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Purchase Order:
Received: 09/06/22 13:15

Revision: 1 Document ID: 7086
 Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

| Method Reference: EPA 5035 | | | | Batch ID: 2207586 | | | | | |
|----------------------------|--------|-------|-------|---------------------------|-----|-------|-----------|----------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | LCS | Units | LCS % Rec | Limits | Notes |
| a-pinene | <LOQ | < 200 | | 500 | 500 | µg/g | 100% | 70 - 130 | |
| Camphene | <LOQ | < 200 | | 506 | 500 | µg/g | 101% | 70 - 130 | |
| Sabinene | <LOQ | < 200 | | 502 | 500 | µg/g | 100% | 70 - 130 | |
| b-Pinene | <LOQ | < 200 | | 508 | 500 | µg/g | 102% | 70 - 130 | |
| b-Myrcene | <LOQ | < 200 | | 524 | 500 | µg/g | 105% | 70 - 130 | |
| a-phellandrene | <LOQ | < 200 | | 544 | 500 | µg/g | 109% | 70 - 130 | |
| d-3-Carene | <LOQ | < 200 | | 535 | 500 | µg/g | 107% | 70 - 130 | |
| a-Terpinene | <LOQ | < 200 | | 502 | 500 | µg/g | 100% | 70 - 130 | |
| p-Cymene | <LOQ | < 200 | | 540 | 500 | µg/g | 108% | 70 - 130 | |
| D-Limonene | <LOQ | < 200 | | 498 | 500 | µg/g | 100% | 70 - 130 | |
| Eucalyptol | <LOQ | < 200 | | 505 | 500 | µg/g | 101% | 70 - 130 | |
| b-cis-Ocimene | <LOQ | < 67 | | 173 | 167 | µg/g | 104% | 70 - 130 | |
| b-trans-Ocimene | <LOQ | < 133 | | 364 | 333 | µg/g | 109% | 70 - 130 | |
| g-Terpinene | <LOQ | < 200 | | 503 | 500 | µg/g | 101% | 70 - 130 | |
| Sabinene_Hydrate | <LOQ | < 200 | | 502 | 500 | µg/g | 100% | 70 - 130 | |
| Terpinolene | <LOQ | < 200 | | 515 | 500 | µg/g | 103% | 70 - 130 | |
| D-Fenchone | <LOQ | < 200 | | 476 | 500 | µg/g | 95% | 70 - 130 | |
| Linalool | <LOQ | < 200 | | 620 | 500 | µg/g | 124% | 70 - 130 | |
| Fenchol | <LOQ | < 200 | | 526 | 500 | µg/g | 105% | 70 - 130 | |
| Camphor | <LOQ | < 200 | | 516 | 500 | µg/g | 103% | 70 - 130 | |
| Isopulego | <LOQ | < 200 | | 559 | 500 | µg/g | 112% | 70 - 130 | |
| Isoborneol | <LOQ | < 200 | | 535 | 500 | µg/g | 107% | 70 - 130 | |
| Borneol | <LOQ | < 200 | | 523 | 500 | µg/g | 105% | 70 - 130 | |
| DL-Menthol | <LOQ | < 200 | | 515 | 500 | µg/g | 103% | 70 - 130 | |
| Terpineol | <LOQ | < 200 | | 528 | 500 | µg/g | 106% | 70 - 130 | |
| Nerol | <LOQ | < 200 | | 544 | 500 | µg/g | 109% | 70 - 130 | |
| Pulegone | <LOQ | < 200 | | 550 | 500 | µg/g | 110% | 70 - 130 | |
| Geraniol | <LOQ | < 200 | | 565 | 500 | µg/g | 113% | 70 - 130 | |
| Geranyl_Acetate | <LOQ | < 200 | | 535 | 500 | µg/g | 107% | 70 - 130 | |
| a-Cedrene | <LOQ | < 200 | | 499 | 500 | µg/g | 100% | 70 - 130 | |
| b-Caryophyllene | <LOQ | < 200 | | 529 | 500 | µg/g | 106% | 70 - 130 | |
| a-Humulene | <LOQ | < 200 | | 558 | 500 | µg/g | 112% | 70 - 130 | |
| Valenene | <LOQ | < 200 | | 516 | 500 | µg/g | 103% | 70 - 130 | |
| cis-Nerolidol | <LOQ | < 200 | | 572 | 500 | µg/g | 114% | 70 - 130 | |
| a-Farnesene | <LOQ | < 200 | | 542 | 500 | µg/g | 108% | 70 - 130 | |
| trans-Nerolidol | <LOQ | < 200 | | 526 | 500 | µg/g | 105% | 70 - 130 | |
| Caryophyllene_Oxide | <LOQ | < 200 | | 524 | 500 | µg/g | 105% | 70 - 130 | |
| Guaiol | <LOQ | < 200 | | 546 | 500 | µg/g | 109% | 70 - 130 | |
| Cedrol | <LOQ | < 200 | | 561 | 500 | µg/g | 112% | 70 - 130 | |
| a-Bisabolol | <LOQ | < 200 | | 631 | 500 | µg/g | 126% | 70 - 130 | |

Definitions

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



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Received: 09/06/22 13:15

Revision: 1 Document ID: 7086
 Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

| Method Reference: EPA 5035 | | Batch ID: 2207586 | | | | | |
|----------------------------|--------|---------------------------|------|-------|-------|-------|-------|
| Sample/Sample Duplicate | | Sample ID: 22-010450-0001 | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | % RPD | LIMIT | Notes |
| a-pinene | 37700 | 37700 | 197 | µg/g | 0% | < 20 | |
| Camphene | 1590 | 1590 | 197 | µg/g | 0% | < 20 | |
| Sabinene | 1500 | 1510 | 197 | µg/g | 1% | < 20 | |
| b-Pinene | 19400 | 19300 | 197 | µg/g | 1% | < 20 | |
| b-Myrcene | 122000 | 122000 | 197 | µg/g | 0% | < 20 | |
| a-phellandrene | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| d-3-Carene | 208 | 213 | 197 | µg/g | 2% | < 20 | |
| a-Terpinene | 1530 | 1530 | 197 | µg/g | 0% | < 20 | |
| p-Cymene | 676 | 667 | 197 | µg/g | 1% | < 20 | |
| D-Limonene | 61600 | 61400 | 197 | µg/g | 0% | < 20 | |
| Eucalyptol | 4460 | 4450 | 197 | µg/g | 0% | < 20 | |
| b-cis-Ocimene | <LOQ | <LOQ | 65.7 | µg/g | 0% | < 20 | |
| b-trans-Ocimene | <LOQ | <LOQ | 131 | µg/g | 0% | < 20 | |
| g-Terpinene | 1060 | 1070 | 197 | µg/g | 1% | < 20 | |
| Sabinene_Hydrate | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Terpinolene | 9850 | 9820 | 197 | µg/g | 0% | < 20 | |
| D-Fenchone | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Linalool | 67900 | 67900 | 197 | µg/g | 0% | < 20 | |
| Fenchol | 26100 | 26100 | 197 | µg/g | 0% | < 20 | |
| Camphor | 474 | 470 | 197 | µg/g | 1% | < 20 | |
| Isopulego | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Isoborneol | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Borneol | 7520 | 7510 | 197 | µg/g | 0% | < 20 | |
| DL-Menthol | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Terpineol | 19700 | 19700 | 197 | µg/g | 0% | < 20 | |
| Nerol | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Pulegone | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Geraniol | 892 | 878 | 197 | µg/g | 2% | < 20 | |
| Geranyl_Acetate | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| a-Cedrene | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| b-Caryophyllene | 244000 | 243000 | 197 | µg/g | 0% | < 20 | |
| a-Humulene | 238000 | 237000 | 197 | µg/g | 0% | < 20 | |
| Valenene | 20300 | 20200 | 197 | µg/g | 0% | < 20 | |
| cis-Nerolidol | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| a-Farnesene | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| trans-Nerolidol | 38000 | 38000 | 197 | µg/g | 0% | < 20 | |
| Caryophyllene_Oxide | 30100 | 30100 | 197 | µg/g | 0% | < 20 | |
| Guaial | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| Cedrol | <LOQ | <LOQ | 197 | µg/g | 0% | < 20 | |
| a-Bisabolol | 27300 | 27200 | 197 | µg/g | 0% | < 20 | |

Definitions

RPD Relative Percent Difference



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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. |



12423 NE Whitaker Way
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 503-254-1794



Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16

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

Product identity: 01LIR209_PB
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-000690-0024
Evidence of Cooling: No
Temp: 20 °C
Relinquished by: ramos



Sample Results

| Potency | Method: J AOAC 2015 V98-6 (mod) ^p | | | Units % | Batch: 2300680 | Analyze: 1/21/23 4:51:00 AM |
|---------------------------|--|------------|--------|---------|----------------|-----------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes | | |
| CBC | 0.0885 | | 0.0746 | | | |
| CBC-A | 2.64 | | 0.0746 | | | |
| CBC-Total | 2.40 | | 0.140 | | | |
| CBD | 0.792 | | 0.0746 | | | |
| CBD-A | 64.4 | | 0.746 | | | |
| CBD-Total | 57.3 | | 0.729 | | | |
| CBDV | < LOQ | | 0.0746 | | | |
| CBDV-A | 0.784 | | 0.0746 | | | |
| CBDV-Total | 0.680 | | 0.139 | | | |
| CBE | < LOQ | | 0.0746 | | | |
| CBG | 0.166 | | 0.0746 | | | |
| CBG-A | 2.09 | | 0.0746 | | | |
| CBG-Total | 2.00 | | 0.139 | | | |
| CBL | < LOQ | | 0.0746 | | | |
| CBL-A | < LOQ | | 0.0746 | | | |
| CBL-Total | < LOQ | | 0.140 | | | |
| CBN | < LOQ | | 0.0746 | | | |
| CBT | < LOQ | | 0.0746 | | | |
| Δ10-THC-9R | < LOQ | | 0.0746 | | | |
| Δ8-THC | < LOQ | | 0.0746 | | | |
| Δ8-THCV | < LOQ | | 0.0746 | | | |
| Δ9-THC | 0.255 | | 0.0746 | | | |
| exo-THC | < LOQ | | 0.0746 | | | |
| THC-A | 2.44 | | 0.0746 | | | |
| THC-Total | 2.40 | | 0.140 | | | |
| THCV | < LOQ | | 0.0746 | | | |
| THCV-A | < LOQ | | 0.0746 | | | |
| THCV-Total | < LOQ | | 0.139 | | | |
| Total Cannabinoids | 73.7 | | | | | |



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Received: 01/17/23 14:16

| Solvents | | | | | | | | | | | |
|--|--------|--------|------|--------|-------|-----------------------------------|--------|--------|------|--------|-------|
| Method: Residual Solvents by GC/MS ^b | | | | | | | | | | | |
| Units µg/g Batch 2300691 Analyze 01/23/23 03:03 PM | | | | | | | | | | | |
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
| 1,4-Dioxane | < LOQ | 380 | 100 | pass | | 2-Butanol | < LOQ | 5000 | 200 | pass | |
| 2-Ethoxyethanol | < LOQ | 160 | 30.0 | pass | | 2-Methylbutane (Isopentane) | < LOQ | | 200 | | |
| 2-Methylpentane | < LOQ | | 30.0 | | | 2-Propanol (IPA) | < LOQ | 5000 | 200 | pass | |
| 2,2-Dimethylbutane | < LOQ | | 30.0 | | | 2,2-Dimethylpropane (neo-pentane) | < LOQ | | 200 | | |
| 2,3-Dimethylbutane | < LOQ | | 30.0 | | | 3-Methylpentane | < LOQ | | 30.0 | | |
| Acetone | < LOQ | 5000 | 200 | pass | | Acetonitrile | < LOQ | 410 | 100 | pass | |
| Benzene | < LOQ | 2.00 | 1.00 | pass | | Butanes (sum) | 636 | 5000 | 400 | pass | |
| Cyclohexane | < LOQ | 3880 | 200 | pass | | Ethyl acetate | < LOQ | 5000 | 200 | pass | |
| Ethyl benzene | < LOQ | | 200 | | | Ethyl ether | < LOQ | 5000 | 200 | pass | |
| Ethylene glycol | < LOQ | 620 | 200 | pass | | Ethylene oxide | < LOQ | 50.0 | 20.0 | pass | |
| Hexanes (sum) | < LOQ | 290 | 150 | pass | | Isopropyl acetate | < LOQ | 5000 | 200 | pass | |
| Isopropylbenzene (Cumene) | < LOQ | 70.0 | 30.0 | pass | | m,p-Xylene | < LOQ | | 200 | | |
| Methanol | < LOQ | 3000 | 200 | pass | | Methylene chloride | < LOQ | 600 | 60.0 | pass | |
| Methylpropane (Isobutane) | < LOQ | | 200 | | | n-Butane | 636 | | 200 | | |
| n-Heptane | < LOQ | 5000 | 200 | pass | | n-Hexane | < LOQ | | 30.0 | | |
| n-Pentane | < LOQ | | 200 | | | o-Xylene | < LOQ | | 200 | | |
| Pentanes (sum) | < LOQ | 5000 | 600 | pass | | Propane | < LOQ | 5000 | 200 | pass | |
| Tetrahydrofuran | < LOQ | 720 | 100 | pass | | Toluene | < LOQ | 890 | 100 | pass | |
| Total Xylenes | < LOQ | | 400 | | | Total Xylenes and Ethyl benzene | < LOQ | 2170 | 600 | pass | |

| Pesticides | | | | | |
|---|------------------------|--------|--------|-------|--|
| Method: AOAC 2007.01 & EN 15662 (mod) ^b | | | | | |
| Units mg/kg Batch 2300713 Analyze 01/24/23 10:07 AM | | | | | |
| Analyte | Result | Limits | Status | Notes | |
| Multi-Residue Pesticide Profile | < LOQ for all analytes | | | | |

| Metals | | | | | | | | | |
|---------|--------|--------|-------|--------|---------|---|--------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes | |
| Arsenic | < LOQ | 0.200 | mg/kg | 0.0958 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^b | pass | | |
| Cadmium | < LOQ | 0.200 | mg/kg | 0.0958 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^b | pass | | |
| Lead | < LOQ | 0.500 | mg/kg | 0.0958 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^b | pass | | |
| Mercury | < LOQ | 0.100 | mg/kg | 0.0479 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^b | pass | | |



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



Report Number: 23-000690/D002.R000
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Received: 01/17/23 14:16

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.

^p = ISO/IEC 17025:2017 accredited method.

Units of Measure

µg/g = Microgram per gram

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

% = 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: 23-000690/D002.R000
Report Date: 01/24/2023
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Received: 01/17/23 14:16



P2320 Multi-Residue Pesticide Profile
Cannabis

| Analyte | LOQ (mg/kg) |
|------------------------|-------------|
| 2,4-D | 0.1 |
| Abamectin | 0.1 |
| Acephate | 0.2 |
| Acequinocyl | 0.2 |
| Acetamiprid | 0.1 |
| Acetochlor | 0.2 |
| Acrinathrin | 0.1 |
| Alachlor | 0.1 |
| Aldicarb | 0.1 |
| Aldoxycarb | 0.1 |
| Aldrin | 0.1 |
| Ametoctradin | 0.1 |
| Ametryn | 0.1 |
| Anilazine | 0.1 |
| Aspon | 0.1 |
| Asulam | 0.1 |
| Atrazine | 0.1 |
| Atrazine-desethyl | 0.1 |
| Azinphos-ethyl | 0.1 |
| Azinphos-methyl | 0.1 |
| Azoxystrobin | 0.1 |
| Benalaxyl | 0.1 |
| Bendiocarb | 0.1 |
| Benoxacor | 0.1 |
| Bensulide | 0.1 |
| Bentazon | 0.1 |
| Bifenazate | 0.1 |
| Bifenox | 0.1 |
| Bifenthrin | 0.1 |
| Binapacryl | 0.1 |
| Boscalid | 0.1 |
| Bromacil | 0.1 |
| Bromophos-ethyl | 0.1 |
| Bromopropylate | 0.1 |
| Bromoxynil | 0.1 |
| Bupirimate | 0.1 |
| Buprofezin | 0.1 |
| Butachlor | 0.1 |
| Butylate | 0.1 |
| Cadusafos | 0.1 |
| Captan | 0.2 |
| Carbaryl | 0.1 |
| Carbendazim | 0.1 |
| Carbofuran | 0.1 |
| Carbofuran 3-hydroxy | 0.1 |
| Carbophenothion | 0.1 |
| Carbophenothion-methyl | 0.1 |
| Carboxin | 0.1 |

| Analyte | LOQ (mg/kg) |
|------------------------------|-------------|
| Chlorantraniliprol | 0.1 |
| Chlordane, cis- | 0.1 |
| Chlordane, trans- | 0.1 |
| Chlorfenapyr | 0.1 |
| Chlorfenvinphos | 0.1 |
| Chlorobenzilate | 0.1 |
| Chlorpyrifos-ethyl | 0.1 |
| Chlorpyrifos-methyl | 0.1 |
| Chlorthal-dimethyl (Dacthal) | 0.1 |
| Clethodim | 0.1 |
| Clethodim sulfone | 0.1 |
| Clethodim sulfoxide | 0.1 |
| Clofentezine | 0.1 |
| Clomazone | 0.1 |
| Clopyralid | 0.1 |
| Clothianidin | 0.1 |
| Coumaphos | 0.1 |
| Crotoxyphos | 0.1 |
| Cyanofenphos | 0.1 |
| Cyanophos | 0.1 |
| Cyantraniliprole | 0.1 |
| Cyazofamid | 0.1 |
| Cyfluthrin | 0.1 |
| Cyhalothrin, lambda | 0.1 |
| Cymoxanil | 0.1 |
| Cypermethrin | 0.1 |
| Cyprodinil | 0.1 |
| DDD, o,p'- | 0.1 |
| DDD, p,p'- | 0.1 |
| DDE, o,p'- | 0.1 |
| DDE, p,p'- | 0.1 |
| DDT, o,p'- | 0.1 |
| DDT, p,p'- | 0.1 |
| DEET | 0.1 |
| Deltamethrin | 0.1 |
| Demeton-S | 0.1 |
| Demeton-s-methyl | 0.1 |
| Demeton-S-methyl-sulfone | 0.1 |
| Desmedipham | 0.1 |
| Diazinon | 0.1 |
| Dicamba | 0.1 |
| Dichlofenthion | 0.1 |
| Dichlofluandil | 0.1 |
| Dichlorbenzamid | 0.1 |
| Dichlorvos | 0.1 |
| Diclofop | 0.1 |
| Diclofop-methyl | 0.1 |
| Dicrotophos | 0.1 |

| Analyte | LOQ (mg/kg) |
|---------------------------|-------------|
| Dieldrin | 0.1 |
| Diethofencarb | 0.1 |
| Difenoconazol | 0.1 |
| Diflubenzuron | 0.1 |
| Diflufenzopyr | 0.1 |
| Dimethenamid | 0.1 |
| Dimethoat | 0.1 |
| Dimethomorph | 0.1 |
| Dinoseb | 0.1 |
| Dinotefuran | 0.1 |
| Dioxaathion | 0.1 |
| Diphenamid | 0.1 |
| Diphenylamine (DPA) | 0.1 |
| Disulfoton | 0.1 |
| Disulfoton-sulfone | 0.1 |
| Disulfoton-Sulfoxide | 0.1 |
| Diuron | 0.1 |
| DNOC | 0.1 |
| Edifenphos | 0.1 |
| Endosulfan (alpha isomer) | 0.1 |
| Endosulfan (beta isomer) | 0.1 |
| Endosulfan-sulfate | 0.1 |
| Endrin | 0.1 |
| EPN | 0.1 |
| EPTC | 0.1 |
| Esfenvalerate/Fenvalerate | 0.1 |
| Ethiofencarb | 0.1 |
| Ethion | 0.1 |
| Ethofumesate | 0.1 |
| Ethoprophos | 0.1 |
| Etofenprox | 0.1 |
| Etozazole | 0.1 |
| Etrimfos | 0.1 |
| Famoxadone | 0.1 |
| Famphur | 0.1 |
| Fenamiphos | 0.1 |
| Fenamiphos-Sulfone | 0.1 |
| Fenamiphos-Sulfoxide | 0.1 |
| Fenazaquin | 0.1 |
| Fenbuconazole | 0.1 |
| Fenhexamid | 0.1 |
| Fenobucarb | 0.1 |
| Fenoxycarb | 0.1 |
| Fenpropathrin | 0.1 |
| Fensulfothion | 0.1 |
| Fenthion | 0.1 |
| Fenuron | 0.1 |
| Fipronil | 0.1 |

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)



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



Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16



P2320 Multi-Residue Pesticide Profile
Cannabis

| Analyte | LOQ (mg/kg) |
|--------------------|-------------|
| Flonicamid | 0.1 |
| Fluazifop | 0.1 |
| Fluazinam | 0.1 |
| Flucythrinate | 0.1 |
| Fludioxonil | 0.1 |
| Flufenacet | 0.1 |
| Flumioxazin | 0.1 |
| Flupicolide | 0.1 |
| Fluopyram | 0.1 |
| Fluoxastrobin | 0.1 |
| Flupyradifurone | 0.1 |
| Fluridone | 0.1 |
| Fluroxypyr | 0.1 |
| Fluthiacet-methyl | 0.1 |
| Flutolanil | 0.1 |
| Flutriafol | 0.1 |
| Fluvalinate | 0.1 |
| Fluxapyroxad | 0.1 |
| Fomesafen | 0.1 |
| Formetanate | 0.1 |
| Furathiocarb | 0.1 |
| Haloxypol | 0.1 |
| Heptachlor | 0.1 |
| Heptachlor epoxide | 0.1 |
| Hexaconazole | 0.1 |
| Hexazinone | 0.1 |
| Hexythiazox | 0.1 |
| Hydropene | 0.1 |
| Imazalil | 0.1 |
| Imazethapyr | 0.1 |
| Imidacloprid | 0.1 |
| Indaziflam | 0.1 |
| Indoxacarb | 0.1 |
| Iprobenfos | 0.1 |
| Iprodion | 0.1 |
| Isobenzan | 0.1 |
| Isufenphos | 0.1 |
| Isufenphos-methyl | 0.1 |
| Isufenphos-oxon | 0.1 |
| Isoprocab | 0.1 |
| Isoprothiolane | 0.1 |
| Isoproturon | 0.1 |
| Isoxaben | 0.1 |
| Kresoxim-methyl | 0.1 |
| Lindane | 0.1 |
| Linuron | 0.1 |
| Malaoxon | 0.1 |
| Malathion | 0.1 |

| Analyte | LOQ (mg/kg) |
|----------------------|-------------|
| Mandipropamid | 0.1 |
| MCPA | 0.1 |
| MCPB | 0.1 |
| MCPP | 0.1 |
| Mecabarm | 0.1 |
| Mepanipyrim | 0.1 |
| Mesotrione | 0.1 |
| Metaxyl | 0.1 |
| Methamidophos | 0.1 |
| Methiocarb | 0.1 |
| Methiocarb sulfone | 0.1 |
| Methiocarb sulfoxide | 0.1 |
| Methomyl | 0.1 |
| Methoxyfenozide | 0.1 |
| Metolachlor | 0.1 |
| Metolcarb | 0.1 |
| Metrafenone | 0.1 |
| Mevinphos | 0.1 |
| MGK 264 | 0.1 |
| Molinat | 0.1 |
| Monocrotophos | 0.1 |
| Monolinuron | 0.1 |
| Myclobutanil | 0.1 |
| Naled | 0.1 |
| Napropamide | 0.1 |
| Neburon | 0.1 |
| Norflurazon | 0.1 |
| Novaluron | 0.1 |
| Omethoat | 0.1 |
| Oryzalin | 0.1 |
| Oxadiazon | 0.1 |
| Oxadixyl | 0.1 |
| Oxamyl | 0.1 |
| Oxamyl-oxime | 0.1 |
| Oxychlorane | 0.1 |
| Oxydemeton-Methyl | 0.1 |
| Oxyfluorfen | 0.1 |
| Paclobutrazol | 0.1 |
| Paraoxon-ethyl | 0.1 |
| Paraoxon-methyl | 0.1 |
| Parathion-methyl | 0.1 |
| Penconazole | 0.1 |
| Pendimethalin | 0.1 |
| Penflufen | 0.1 |
| Penthiopyrad | 0.1 |
| Permethrin | 0.1 |
| Perthane | 0.1 |
| Phenmedipham | 0.1 |

| Analyte | LOQ (mg/kg) |
|--------------------|-------------|
| Phenothrin | 0.1 |
| Phenthoate | 0.1 |
| Phorate | 0.1 |
| Phorate-Sulfone | 0.1 |
| Phorate-Sulfoxide | 0.1 |
| Phosalone | 0.1 |
| Phosmet | 0.1 |
| Phosphamidon | 0.1 |
| Phoxim | 0.1 |
| Pinoxaden | 0.1 |
| Piperonyl Butoxide | 0.1 |
| Pirimicarb | 0.1 |
| Pirimiphos-ethyl | 0.1 |
| Pirimiphos-methyl | 0.1 |
| Prallethrin | 0.1 |
| Prochloraz | 0.1 |
| Procymidone | 0.1 |
| Profenofos | 0.1 |
| Promecarb | 0.1 |
| Prometon | 0.1 |
| Prometryn | 0.1 |
| Propachlor | 0.1 |
| Propamocarb | 0.1 |
| Propanil | 0.1 |
| Propazine | 0.1 |
| Propetamophos | 0.1 |
| Propham | 0.1 |
| Propiconazole | 0.1 |
| Propoxur | 0.1 |
| Propyzamide | 0.1 |
| Prothiofos | 0.1 |
| Pyraclostrobin | 0.1 |
| Pyraflufen Ethyl | 0.1 |
| Pyrazophos | 0.1 |
| Pyrethrin | 0.1 |
| Pyridaben | 0.1 |
| Pyrimethanil | 0.1 |
| Pyriproxifen | 0.1 |
| Pyroxasulfone | 0.1 |
| Pyroxulam | 0.1 |
| Quinalphos | 0.1 |
| Quinclorac | 0.1 |
| Quinoxifen | 0.1 |
| Quintozene(PCNB) | 0.2 |
| Quizalofop | 0.1 |
| Resmethrin | 0.1 |
| Rotenone | 0.1 |
| Safufenacil | 0.1 |

LOQ= Limit of Quantitation
mg/kg= milligram per kilogram (ppm)



12423 NE Whitaker Way
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Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
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Received: 01/17/23 14:16



P2320 Multi-Residue Pesticide Profile
 Cannabis

| Analyte | LOQ (mg/kg) |
|------------------------|-------------|
| Sebuthylazin | 0.1 |
| Sethoxydim | 0.1 |
| Simazine | 0.1 |
| Simetryn | 0.1 |
| Spinetoram J/L | 0.1 |
| Spinosyn A/D | 0.1 |
| Spirodiclofen | 0.1 |
| Spiromesifen | 0.1 |
| Spirotetramat | 0.1 |
| Spiroxamine | 0.1 |
| Sulfentrazone | 0.1 |
| Sulfotep | 0.1 |
| Sulfoxaflor | 0.1 |
| Sulprofos | 0.1 |
| Tebuconazole | 0.1 |
| Tebufenozide | 0.1 |
| Terbufos | 0.1 |
| Terbutylazine | 0.1 |
| Terbutryn | 0.1 |
| Tetrachlorvinphos | 0.1 |
| Tetraconazole | 0.1 |
| Tetramethrin | 0.1 |
| Thiabendazol | 0.1 |
| Thiabendazol-5-hydroxy | 0.1 |
| Thiacloprid | 0.1 |
| Thiamethoxam | 0.1 |
| Thiobencarb | 0.1 |
| Thiodicarb | 0.1 |
| Thiometon | 0.1 |
| Thiophanate-methyl | 0.2 |
| Tolfenpyrad | 0.1 |
| Tolyfluanid | 0.1 |
| Triadimefon | 0.1 |
| Triadimenol | 0.1 |
| Triazophos | 0.1 |
| Trifloxystrobin | 0.1 |
| Triflumizole | 0.1 |
| Triticonazole | 0.1 |
| Zoxamid | 0.1 |

LOQ= Limit of Quantitation
 mg/kg= milligram per kilogram (ppm)



12423 NE Whitaker Way
Portland, OR 97230
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Report Number: 23-00690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16



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

Revision: 4.00 Control: CP028 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

| Company: <u>The Hemp Collect</u> Contact: <u>kyle@thehemppcollect.com</u> Street: <u>431 NW Handers St.</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input checked="" type="checkbox"/> Email Results: <u>dropbox (IHL)</u> P#: <u>(503) 608164</u> <input type="checkbox"/> Fax Results: <u>()</u> Billing (if different): <u>joel@thehemppcollect.com</u> | | | | Analysis Requested Pesticides - DR59 compounds Residual Solvents Moisture & Water Activity Terpene Micro: Yeast and Mold Micro: Coli and Total Coliform Heavy Metals Mycotoxins Other: | | | | | | | | | | FO Numbers: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small> | | |
|---|------------------------------|------|---------|--|-------------------|---------------------------|---------|---|--------------------------------|--------------|------------|-------|---------------|--|-------------------|--|
| Lab ID | Client Sample Identification | Date | Time | Pesticides - DR59 compounds | Residual Solvents | Moisture & Water Activity | Terpene | Micro: Yeast and Mold | Micro: Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Sample Type 1 | Weight (Units) | Converts/Weigh ID | |
| 1 | 01LIR209_LB | | | X | X | X | | | | X | | | C | | | |
| 2 | 01LIR209_KC | | | X | X | X | | | | X | | | C | | | |
| 3 | 01LIR209_FV | | | X | X | X | | | | X | | | C | | | |
| 4 | 01LIR209_VW | | | X | X | X | | | | X | | | C | | | |
| 5 | 01LIR209_SB | | | X | X | X | | | | X | | | C | | | |
| 6 | 01LIR209_BO | | | X | X | X | | | | X | | | C | | | |
| 7 | 01LIR209_LT | | | X | X | X | | | | X | | | C | | | |
| 8 | 01LIR209_RC | | | X | X | X | | | | X | | | C | | | |
| 9 | 01LIR209_PJ | | | X | X | X | | | | X | | | C | | | |
| 10 | 01LIR209_CJ | | | X | X | X | | | | X | | | C | | | |
| Requested By: | | Date | Time | Received By: | | Date | Time | Lab Use Only: | | | | | | | | |
| Kyle Farook | | 1/17 | 11:00 A | <i>[Signature]</i> | | 1-17-23 | 1110 | <input type="checkbox"/> shipped via: _____ or <input type="checkbox"/> client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): <u>2.1+3</u> Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Frag storage: _____ | | | | | | | | |
| <i>[Signature]</i> | | 1-17 | 1337 | <i>[Signature]</i> | | 1/17/23 | 1416 | | | | | | | | | |

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

Sample returned to Columbia Laboratories with testing requirements and/or analysis for review in accordance with the current terms of service associated with the COC. By signing "Requested by" you are agreeing to these terms.
 12423 NE Whitaker Way
 Portland, OR 97230
 A: (503) 254-1794 / Fax: (503) 254-3452
 info@columbialaboratories.com
 Page _____ of _____
 www.columbialaboratories.com



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

Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16



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

Revision: 4.00 Control#: CPO25 Rev 02/24/2021 Eff: 05/04/2021
 ORELAP ID: OR100028

| Company: <u>The Hemp Collect</u> Contact: <u>kyle@thehempcollect.com</u> Street: <u>431 NW Flanders St</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input checked="" type="checkbox"/> Email Results: <u>dropbox (IHC)</u> Fax: <input type="checkbox"/> (b1) 503154 <input type="checkbox"/> Fax Results: () Billing (if different): <u>joel@thehempcollect.com</u> | | | | Analysis Requested Pentodes - Oil SO compounds Pentode Methyl Residue - 179 compounds Potency Residual Solvents Moisture & Water Activity Terpenes Micro: Yeast and Mold Micro: Coliform Total Counts Heavy Metals Mycotoxins Other: | | | | | | | | | | PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small> Sampled by: _____ | | | |
|--|------------------------------|-------|---------|--|--|----------|-------------------|---|----------|-----------------------|------------------------------|--------------|------------|--|---------------|----------------|--------------------|
| Lab ID | Client Sample Identification | Date | Time | Pentodes - Oil SO compounds | Pentode Methyl Residue - 179 compounds | Potency | Residual Solvents | Moisture & Water Activity | Terpenes | Micro: Yeast and Mold | Micro: Coliform Total Counts | Heavy Metals | Mycotoxins | Other | Sample Type # | Weight (units) | Comments/Metric ID |
| 1 | 01LIR209_OGK | | | X | X | X | | | | | | X | | | | | |
| 2 | 01LIR209_Shaolin | | | X | X | X | | | | | | X | | | | | |
| 3 | 01LIR209_Japhy | | | X | X | X | | | | | | X | | | | | |
| 4 | 01LIR209_PP | | | X | X | X | | | | | | X | | | | | |
| 5 | 01LIR209_MT | | | X | X | X | | | | | | X | | | | | |
| 6 | 01LIR209_PK | | | X | X | X | | | | | | X | | | | | |
| 7 | 01LIR209_SP | | | X | X | X | | | | | | X | | | | | |
| 8 | 01LIR209_Sour G | | | X | X | X | | | | | | X | | | | | |
| 9 | 01LIR209_FG | | | X | X | X | | | | | | X | | | | | |
| 10 | 01LIR209_RGSP | | | X | X | X | | | | | | X | | | | | |
| Redesigned by: | | Date: | Time: | Applied By: | | Date: | Time: | Lab Use Only: <input type="checkbox"/> Shipped via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): <u>20.2</u> Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Min: Freezing storage: _____ | | | | | | | | | |
| Kyle Farook | | 1/17 | 11:00 A | <i>[Signature]</i> | | 1-17-23 | 11:0 | | | | | | | | | | |
| <i>[Signature]</i> | | 1-17 | 1335 | <i>[Signature]</i> | | 01/17/23 | 1416 | | | | | | | | | | |

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

Sample submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with the CAC. By signing "Redesigned by" you are agreeing to these terms
 12423 NE Whitaker Way
 Portland, OR 97230
 P: (503) 254-1794 / Fax: (503) 254-1452
 info@columbiainstruments.com
 Page _____ of _____
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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16



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

Revision: 4.00 Control#: CF025 Rev 02/24/2021 Eff: 03/04/2021
ORELAP ID: OR100028

| Company: <u>The Hemp Collect</u> Contact: <u>kyle@thehempcollect.com</u> Street: <u>431 NW Flanders St</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input checked="" type="checkbox"/> Email Results: <u>dropbox (IHG)</u> Fx: <u>(503) 608164</u> <input type="checkbox"/> Fx Results: () Billing (if different): <u>joel@thehempcollect.com</u> | | | | Analysis Requested Pesticides - OHSU compounds Pesticide Multi-Residue - 379 compounds Potency Residual Solvents Moisture & Water Activity Terpenes Micro: Yeast and Mold Micro: E. Coli and Total Coliforms Heavy Metals Mycotoxins Other: | | | | | | | | | | FO Number: _____ Project Number: _____ Project Name: _____ Client Reporting: _____ Report to State: <input type="checkbox"/> METRC or <input type="checkbox"/> Other _____ Turnaround time: <input checked="" type="checkbox"/> 1 Business Day Standard Turnaround <input type="checkbox"/> 1 Business Day Rush Turnaround* <input type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small> Sampled by: _____ | | | |
|---|------------------------------|------|---------|---|---|----------|-------------------|---|----------|-----------------------|------------------------------------|--------------|------------|--|---------------|----------------|--------------------|
| Lab ID | Client Sample Identification | Date | Time | Pesticides - OHSU compounds | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Moisture & Water Activity | Terpenes | Micro: Yeast and Mold | Micro: E. Coli and Total Coliforms | Heavy Metals | Mycotoxins | Other | Sample Type 1 | Weight (Units) | Comments/Metric ID |
| 1 | 01LIR209_TK | | | X | X | X | | | | | | X | | | C | | |
| 2 | 01LIR209_STs | | | X | X | X | | | | | | X | | | C | | |
| 3 | 01LIR209_CS | | | X | X | X | | | | | | X | | | C | | |
| 4 | 01LIR209_PB | | | X | X | X | | | | | | X | | | C | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |
| Relinquished by: | | Date | Time | Received by: | | Date | Time | Lab Use Only: | | | | | | | | | |
| Kyle Farqok | | 1/17 | 11:00 A | | | 1/23 | 11:16 | <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): <u>2.1</u> Sample is good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cool <input type="checkbox"/> Check <input type="checkbox"/> OK <input type="checkbox"/> Min: Freezing storage: _____ | | | | | | | | | |
| | | 1/17 | 1336 | | | 01/17/23 | 1416 | | | | | | | | | | |

1 - Sample Type Codes: Vegetation [V] ; Isolates [I] ; Extract/Concentrate [C] ; Tincture/Topical [T] ; Dabble [D] ; Beverage [B]

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 Portland, OR 97230
 503-254-1794



Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2300680

| Laboratory Control Sample | | | | | | | | | |
|---------------------------|-----|--------|-------|-------|-------|--------|-------|------------|-------|
| Analyte | LCS | Result | Spike | Units | % Rec | Limits | | Evaluation | Notes |
| CBDA | 2 | 0.104 | 0.100 | % | 104 | 80.0 | - 120 | Acceptable | |
| CBDV | 2 | 0.110 | 0.106 | % | 104 | 80.0 | - 120 | Acceptable | |
| CBE | 2 | 0.108 | 0.105 | % | 103 | 80.0 | - 120 | Acceptable | |
| CBDA | 1 | 0.0968 | 0.096 | % | 101 | 90.0 | - 110 | Acceptable | |
| CBDA | 1 | 0.0973 | 0.096 | % | 101 | 80.0 | - 120 | Acceptable | |
| CBG | 1 | 0.100 | 0.099 | % | 102 | 80.0 | - 120 | Acceptable | |
| CBG | 1 | 0.0969 | 0.097 | % | 99.6 | 90.0 | - 110 | Acceptable | |
| THCV | 2 | 0.109 | 0.106 | % | 102 | 80.0 | - 120 | Acceptable | |
| δ8THCV | 2 | 0.108 | 0.103 | % | 105 | 80.0 | - 120 | Acceptable | |
| THCVA | 2 | 0.102 | 0.099 | % | 103 | 80.0 | - 120 | Acceptable | |
| CBN | 1 | 0.104 | 0.102 | % | 102 | 80.0 | - 120 | Acceptable | |
| exo-THC | 2 | 0.101 | 0.097 | % | 104 | 80.0 | - 120 | Acceptable | |
| δ9THC | 1 | 0.112 | 0.105 | % | 107 | 90.0 | - 110 | Acceptable | |
| δ8THC | 1 | 0.0971 | 0.100 | % | 96.7 | 90.0 | - 110 | Acceptable | |
| CBL | 2 | 0.108 | 0.104 | % | 104 | 80.0 | - 120 | Acceptable | |
| 9STHC | 3 | 0.0995 | 0.100 | % | 99.5 | 80.0 | - 120 | Acceptable | |
| Δ10THC | 1 | 0.0471 | 0.047 | % | 99.8 | 80.0 | - 120 | Acceptable | |
| CBG | 2 | 0.107 | 0.104 | % | 103 | 80.0 | - 120 | Acceptable | |
| 9RTHC | 3 | 0.0889 | 0.100 | % | 88.9 | 80.0 | - 120 | Acceptable | |
| THCA | 1 | 0.0964 | 0.095 | % | 101 | 90.0 | - 110 | Acceptable | |
| CBDA | 2 | 0.106 | 0.103 | % | 103 | 80.0 | - 120 | Acceptable | |
| CBDA | 2 | 0.108 | 0.105 | % | 104 | 80.0 | - 120 | Acceptable | |
| δ8THCO | 3 | 0.104 | 0.100 | % | 104 | 80.0 | - 120 | Acceptable | |
| CBF | 2 | 0.109 | 0.105 | % | 104 | 80.0 | - 120 | Acceptable | |
| δ9THCO | 3 | 0.110 | 0.100 | % | 110 | 80.0 | - 120 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|--------|-------|----------|------------|-------|
| CBDA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBDV | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBE | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBDA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBDA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBG | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBG | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCV | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| δ8THCV | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCVA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBN | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| exo-THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| δ9THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| δ8THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBL | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| 9STHC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| Δ10THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBG | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| 9RTHC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBDA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBDA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| δ8THCO | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBF | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| δ9THCO | <LOQ | 0.0077 | % | < 0.0077 | 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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Received: 01/17/23 14:16

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

Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | Batch ID: 2300680 | | | | | | |
|-------------------|--------|---------------------------|-------|-------|-------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 23-000673-0001 | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDA | 0.0236 | 0.0235 | 0.077 | % | 0.271 | < 20 | Acceptable | |
| CBDV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBG | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CB | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| δ8THCV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBN | 0.0340 | 0.0342 | 0.077 | % | 0.526 | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| δ9THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| δ8THC | 0.189 | 0.172 | 0.077 | % | 9.34 | < 20 | Acceptable | |
| CB | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| 9STHC | 39.6 | 38.5 | 0.077 | % | 2.70 | < 20 | Acceptable | |
| Δ10THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CB | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| 9RTHC | 36.9 | 35.2 | 0.077 | % | 4.96 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| δ8THCO | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CB | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| δ9THCO | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- R2 - Sample replicates RPD non-calculable, as only one replicate is within analytical range.

Units of Measure:



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Report Number: 23-000690/D002.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16

Revision: 2 Document ID: 7087
 Legacy ID: CFL-E33Effective:

Laboratory Quality Control Results

| Residual Solvents | | | | Batch ID: 2300691 | | | | | |
|---------------------|--------|-------|-------|---------------------------|-------|-------|-------|----------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes |
| Propane | ND | < 200 | | 547 | 572 | µg/g | 95.6 | 60 - 120 | |
| Isobutane | ND | < 200 | | 701 | 731 | µg/g | 95.9 | 60 - 120 | |
| Butane | ND | < 200 | | 678 | 731 | µg/g | 92.7 | 60 - 120 | |
| 2,2-Dimethylpropane | ND | < 200 | | 893 | 938 | µg/g | 95.4 | 60 - 120 | |
| Methanol | ND | < 200 | | 1580 | 1620 | µg/g | 97.5 | 60 - 120 | |
| Ethylene Oxide | ND | < 30 | | 55 | 56.2 | µg/g | 97.9 | 60 - 120 | |
| 2-Methylbutane | ND | < 200 | | 1520 | 1610 | µg/g | 94.4 | 60 - 120 | |
| Pentane | ND | < 200 | | 1520 | 1600 | µg/g | 95.0 | 60 - 120 | |
| Ethanol | ND | < 200 | | 1610 | 1610 | µg/g | 100.0 | 70 - 130 | |
| Ethyl Ether | ND | < 200 | | 1560 | 1630 | µg/g | 95.7 | 60 - 120 | |
| 2,2-Dimethylbutane | ND | < 30 | | 164 | 171 | µg/g | 95.9 | 60 - 120 | |
| Acetone | ND | < 200 | | 1560 | 1630 | µg/g | 95.7 | 60 - 120 | |
| 2-Propanol | ND | < 200 | | 1670 | 1620 | µg/g | 103.1 | 60 - 120 | |
| Acetonitrile | ND | < 100 | | 475 | 498 | µg/g | 95.4 | 60 - 120 | |
| 2,3-Dimethylbutane | ND | < 30 | | 160 | 171 | µg/g | 93.6 | 60 - 120 | |
| Dichloromethane | ND | < 60 | | 476 | 483 | µg/g | 98.6 | 60 - 120 | |
| 2-Methylpentane | ND | < 30 | | 161 | 168 | µg/g | 95.8 | 60 - 120 | |
| 3-Methylpentane | ND | < 30 | | 146 | 167 | µg/g | 87.4 | 60 - 120 | |
| Hexane | ND | < 30 | | 208 | 182 | µg/g | 114.3 | 60 - 120 | |
| Ethyl acetate | ND | < 200 | | 1570 | 1610 | µg/g | 97.5 | 60 - 120 | |
| 2-Butanol | ND | < 200 | | 1660 | 1600 | µg/g | 103.8 | 60 - 120 | |
| Tetrahydrofuran | ND | < 100 | | 474 | 483 | µg/g | 98.1 | 60 - 120 | |
| Cyclohexane | ND | < 200 | | 1540 | 1610 | µg/g | 95.7 | 60 - 120 | |
| Benzene | ND | < 1 | | 5.3 | 5.02 | µg/g | 105.6 | 60 - 120 | |
| Isopropyl Acetate | ND | < 200 | | 1670 | 1620 | µg/g | 103.1 | 60 - 120 | |
| Heptane | ND | < 200 | | 1500 | 1610 | µg/g | 93.2 | 60 - 120 | |
| 1,4-Dioxane | ND | < 100 | | 475 | 491 | µg/g | 96.7 | 60 - 120 | |
| 2-Ethoxyethanol | ND | < 30 | | 316 | 181 | µg/g | 174.6 | 60 - 120 | Q1 |
| Ethylene Glycol | ND | < 200 | | 698 | 484 | µg/g | 144.2 | 60 - 120 | Q1 |
| Toluene | ND | < 100 | | 463 | 485 | µg/g | 95.9 | 60 - 120 | |
| Ethylbenzene | ND | < 200 | | 911 | 959 | µg/g | 94.0 | 60 - 120 | |
| m,p-Xylene | ND | < 200 | | 913 | 994 | µg/g | 92.1 | 60 - 120 | |
| o-Xylene | ND | < 200 | | 901 | 967 | µg/g | 93.2 | 60 - 120 | |
| Cumene | ND | < 30 | | 161 | 171 | µg/g | 94.2 | 60 - 120 | |



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Revision: 2 Document ID: 7087
Legacy ID: CFL-E33Effective:

QC- Sample Duplicate Sample ID: 23-000690-0005

| Analyte | Result | Org. Result | LOQ Units | RPD | Limits | Accept/ Fail | Notes |
|---------------------|--------|-------------|-----------|-----|--------|--------------|-------|
| Propane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Isobutane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Butane | 1250 | 1160 | 200 µg/g | 7.5 | < 20 | Acceptable | |
| 2,2-Dimethylpropane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Methanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Oxide | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylbutane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Pertane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Ethanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Ether | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylbutane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Acetone | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Propanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Acetonitrile | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| 2,3-Dimethylbutane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Dichloromethane | ND | ND | 60 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylpentane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methylpentane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Hexane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl acetate | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Butanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Tetrahydrofuran | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| Cyclohexane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Benzene | ND | ND | 1 µg/g | 0.0 | < 20 | Acceptable | |
| Isopropyl Acetate | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Heptane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 1,4-Dioxane | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Ethoxyethanol | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Glycol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Toluene | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| Ethylbenzene | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| m,p-Xylene | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| o-Xylene | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Cumene | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference
LOQ - Limit of Quantitation
Q1 - Quality control result biased high. Only non-detect samples reported.

Units of Measure:

µg/g - Microgram per gram or ppm



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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. |

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **O3DTST224_AMBER_D8 Distillate**

| | |
|---|---|
| Sample ID SD230329-008 (71349) | Matrix Concentrate (Inhalable Cannabis Good) |
| Tested for The Hemp Collect | |
| Sampled - | Received Mar 28, 2023 |
| | Reported Apr 05, 2023 |
| Analyses executed CAN+, RES, MIBIG, MTO, PES, HME, FVI | |

Laboratory note: The estimated concentration of the unknown peak in the sample is 6.60%. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-8-THC or (-)-8-THC. At this time there are no reference standards available for (+)-8-THC. (+)-8-THC is a different compound from the main (-)-8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-8-THC and (-)-8-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-8-THC and (-)-8-THC with the majority, if not all, of the concentration being (+)-8-THC. Total (+/-) D8 Concentration is estimated to be: 94.56%

CAN+ - Cannabinoids Analysis

Analyzed **Apr 04, 2023** | Instrument **HPLC-VWD** | Method **SOP-001**
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|----------|-------------|
| Cannabidiol (CBD) | 0.039 | 0.16 | ND | ND |
| Cannabidiolic Acid (CBDA) | 0.001 | 0.16 | ND | ND |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | ND | ND |
| Cannabigerol (CBG) | 0.001 | 0.16 | ND | ND |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND |
| Tetrahydrocannabinol (THCV) | 0.001 | 0.16 | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.003 | 0.16 | UI | UI |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 | 94.56 | 945.60 |
| Cannabicyclol (CBL) | 0.002 | 0.16 | ND | ND |
| Cannabichromene (CBC) | 0.002 | 0.16 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | ND | ND |
| Total THC (THCa * 0.877 + Δ9THC) | | | ND | ND |
| Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC) | | | 94.56 | 945.60 |
| Total CBD (CBDA * 0.877 + CBD) | | | ND | ND |
| Total CBG (CBGA * 0.877 + CBG) | | | ND | ND |
| Total Cannabinoids | | | 94.56 | 945.60 |

HME - Heavy Metals Detection Analysis

Analyzed **Apr 04, 2023** | Instrument **ICP/MSMS** | Method **SOP-005**

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0002 | 0.0005 | ND | 0.2 | Cadmium (Cd) | 3.0e-05 | 0.0005 | ND | 0.2 |
| Mercury (Hg) | 1.0e-05 | 0.0001 | ND | 0.1 | Lead (Pb) | 1.0e-05 | 0.00125 | ND | 0.5 |

MIBIG - Microbial Testing Analysis

Analyzed **Mar 31, 2023** | Instrument **qPCR and/or Plating** | Method **SOP-007**

| Analyte | Result CFU/g | Limit | Analyte | Result CFU/g | Limit |
|--|--------------|---------------|---------------------|--------------|---------------|
| Shiga toxin-producing Escherichia Coli | ND | ND per 1 gram | Salmonella spp. | ND | ND per 1 gram |
| Aspergillus fumigatus | ND | ND per 1 gram | Aspergillus flavus | ND | ND per 1 gram |
| Aspergillus niger | ND | ND per 1 gram | Aspergillus terreus | ND | ND per 1 gram |

MTO - Mycotoxin Testing Analysis

Analyzed **Apr 04, 2023** | Instrument **LC/MSMS** | Method **SOP-004**

| Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg | Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg |
|--------------|-----------|-----------|--------------------|-------------|------------------|-----------|-----------|--------------------|-------------|
| Ochratoxin A | 5.0 | 20.0 | ND | 20 | Aflatoxin B1 | 2.5 | 5.0 | ND | - |
| Aflatoxin B2 | 2.5 | 5.0 | ND | - | Aflatoxin G1 | 2.5 | 5.0 | ND | - |
| Aflatoxin G2 | 2.5 | 5.0 | ND | - | Total Aflatoxins | 10.0 | 20.0 | ND | 20 |

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Wed, 05 Apr 2023 10:13:00 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1

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PES - Pesticides Screening Analysis

Analyzed Apr 04, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|-------------------------|----------|----------|-------------|------------|-----------------------|----------|----------|-------------|------------|
| Aldicarb | 0.0078 | 0.02 | ND | 0.0078 | Carbofuran | 0.01 | 0.02 | ND | 0.01 |
| Dimethoate | 0.01 | 0.02 | ND | 0.01 | Etofenprox | 0.02 | 0.1 | ND | 0.02 |
| Fenoxycarb | 0.01 | 0.02 | ND | 0.01 | Thiachloprid | 0.01 | 0.02 | ND | 0.01 |
| Daminozide | 0.01 | 0.03 | ND | 0.01 | Dichlorvos | 0.02 | 0.07 | ND | 0.02 |
| Imazail | 0.02 | 0.07 | ND | 0.02 | Methiocarb | 0.01 | 0.02 | ND | 0.01 |
| Spiroxamine | 0.01 | 0.02 | ND | 0.01 | Coumaphos | 0.01 | 0.02 | ND | 0.01 |
| Fipronil | 0.01 | 0.1 | ND | 0.01 | Paclbutrazol | 0.01 | 0.03 | ND | 0.01 |
| Chlorpyrifos | 0.01 | 0.04 | ND | 0.01 | Ethoprophos (Prophos) | 0.01 | 0.02 | ND | 0.01 |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | 0.01 | Chlordane | 0.04 | 0.1 | ND | 0.04 |
| Chlorfenapyr | 0.03 | 0.1 | ND | 0.03 | Methyl Parathion | 0.02 | 0.1 | ND | 0.02 |
| Mevinphos | 0.05 | 0.08 | ND | 0.03 | Abamectin | 0.03 | 0.08 | ND | 0.1 |
| Acephate | 0.02 | 0.05 | ND | 0.1 | Acetamidrid | 0.01 | 0.05 | ND | 0.1 |
| Azoxystrobin | 0.01 | 0.02 | ND | 0.1 | Bifenazate | 0.01 | 0.05 | ND | 0.1 |
| Bifenthrin | 0.02 | 0.35 | ND | 3 | Boscalid | 0.01 | 0.03 | ND | 0.1 |
| Carbaryl | 0.01 | 0.02 | ND | 0.5 | Chlorantraniliprole | 0.01 | 0.04 | ND | 10 |
| Clofentezine | 0.01 | 0.03 | ND | 0.1 | Diazinon | 0.01 | 0.02 | ND | 0.1 |
| Dimethomorph | 0.02 | 0.06 | ND | 2 | Etoxazole | 0.01 | 0.05 | ND | 0.1 |
| Fenpyroximate | 0.02 | 0.1 | ND | 0.1 | Fonicamid | 0.01 | 0.02 | ND | 0.1 |
| Fludioxonil | 0.01 | 0.05 | ND | 0.1 | Hexythiazox | 0.01 | 0.03 | ND | 0.1 |
| Imidacloprid | 0.01 | 0.05 | ND | 5 | Kresoxim-methyl | 0.01 | 0.03 | ND | 0.1 |
| Malathion | 0.01 | 0.05 | ND | 0.5 | Metalaxyl | 0.01 | 0.02 | ND | 2 |
| Methomyl | 0.02 | 0.05 | ND | 1 | Myclobutanil | 0.02 | 0.07 | ND | 0.1 |
| Naled | 0.01 | 0.02 | ND | 0.1 | Oxamyl | 0.01 | 0.02 | ND | 0.5 |
| Permethrin | 0.01 | 0.02 | ND | 0.5 | Phosmet | 0.01 | 0.02 | ND | 0.1 |
| Piperonyl Butoxide | 0.02 | 0.06 | ND | 3 | Propiconazole | 0.03 | 0.08 | ND | 0.1 |
| Prallethrin | 0.02 | 0.05 | ND | 0.1 | Pyrethrin | 0.05 | 0.41 | ND | 0.5 |
| Pyridaben | 0.02 | 0.07 | ND | 0.1 | Spinosad A | 0.01 | 0.05 | ND | 0.1 |
| Spinosad D | 0.01 | 0.05 | ND | 0.1 | Spiromesifen | 0.02 | 0.06 | ND | 0.1 |
| Spirotetramat | 0.01 | 0.02 | ND | 0.1 | Tebuconazole | 0.01 | 0.02 | ND | 0.1 |
| Thiamethoxam | 0.01 | 0.02 | ND | 5 | Trifloxystrobin | 0.01 | 0.02 | ND | 0.1 |
| Acequinocyl | 0.02 | 0.09 | ND | 0.1 | Captan | 0.01 | 0.02 | ND | 0.7 |
| Cypermethrin | 0.02 | 0.1 | ND | 1 | Cyfluthrin | 0.04 | 0.1 | ND | 2 |
| Fenhexamid | 0.02 | 0.07 | ND | 0.1 | Spinetoram J.L | 0.02 | 0.07 | ND | 0.1 |
| Pentachloronitrobenzene | 0.01 | 0.1 | ND | 0.1 | | | | | |

RES - Residual Solvents Testing Analysis

Analyzed Apr 04, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|------------------------------|----------|----------|-------------|------------|
| Propane (Prop) | 0.4 | 40.0 | ND | 5000.0 | Butane (But) | 0.4 | 40.0 | ND | 5000.0 |
| Methanol (Metha) | 0.4 | 40.0 | ND | 3000.0 | Ethylene Oxide (EthOx) | 0.4 | 0.8 | ND | 1.0 |
| Pentane (Pen) | 0.4 | 40.0 | ND | 5000.0 | Ethanol (Ethan) | 0.4 | 40.0 | ND | 5000.0 |
| Ethyl Ether (EthEt) | 0.4 | 40.0 | ND | 5000.0 | Acetone (Acet) | 0.4 | 40.0 | ND | 5000.0 |
| Isopropanol (2-Pro) | 0.4 | 40.0 | ND | 5000.0 | Acetonitrile (Acetonit) | 0.4 | 40.0 | ND | 410.0 |
| Methylene Chloride (MetCh) | 0.4 | 0.8 | 1.0 | 1.0 | Hexane (Hex) | 0.4 | 40.0 | ND | 290.0 |
| Ethyl Acetate (EthAc) | 0.4 | 40.0 | ND | 5000.0 | Chloroform (Clo) | 0.4 | 0.8 | ND | 1.0 |
| Benzene (Ben) | 0.4 | 0.8 | ND | 1.0 | 1-2-Dichloroethane (12-Dich) | 0.4 | 0.8 | ND | 1.0 |
| Heptane (Hep) | 0.4 | 40.0 | ND | 5000.0 | Trichloroethylene (TriClEtH) | 0.4 | 0.8 | ND | 1.0 |
| Toluene (Toluene) | 0.4 | 40.0 | ND | 890.0 | Xylenes (Xyl) | 0.4 | 40.0 | ND | 2170.0 |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 30, 2023 | Instrument Microscope | Method SOP-010

| Analyte / Limit | Result | Analyte / Limit | Result |
|--|--------|--|--------|
| > 1/4 of the total sample area covered by sand, soil, cinders, or dirt | ND | > 1/4 of the total sample area covered by mold | ND |
| > 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g | ND | > 1/4 of the total sample area covered by an imbedded foreign material | ND |

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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 Wed, 05 Apr 2023 10:13:00 -0700

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