



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



Report Number: 22-006769/D002.R000
Report Date: 06/14/2022
ORELAP#: OR100028
Purchase Order:
Received: 06/10/22 12:27

Customer: IHC LLC
Product identity: 0113LIRDST200_SG
Client/Metric ID: .
Laboratory ID: 22-006769-0001

Summary

Potency:

| Analyte | Result (%) | | | |
|----------|------------|---|---------------------------------------|-------|
| HHC (9R) | 54.1 | <ul style="list-style-type: none"> ● HHC (9R-Hexahydrocannabinol) ● HHC (9S-Hexahydrocannabinol) ● CBD-A ● Δ8-THC ● CBN ● CBG-A ● CBD | CBD-Total | 2.44% |
| HHC (9S) | 43.0 | | THC-Total | <LOQ |
| CBD-A | 2.68 | | (Reported in percent of total sample) | |
| Δ8-THC | 0.709 | | | |
| CBN | 0.161 | | | |
| CBG-A† | 0.116 | | | |
| CBD | 0.0842 | | | |



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Received: 06/10/22 12:27

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

Product identity: 0113LIRDST200_SG

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-006769-0001

Evidence of Cooling: No

Temp: 24.9 °C

Relinquished by: Client



Sample Results

| Potency | Method J AOAC 2015 V98-6 (mod) | | | Units % | Batch: 2205078 | Analyze: 6/14/22 1:17:00 PM |
|----------------------------|--------------------------------|------------|--------|---------|--|-----------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes | | |
| CBD | 0.0842 | | 0.0756 | | <ul style="list-style-type: none"> ● HHC (9R-Hexahydrocannabinol) ● HHC (9S-Hexahydrocannabinol) ● CBD-A ● Δ8-THC ● CBN ● CBG-A ● CBD | |
| CBD-A | 2.68 | | 0.0756 | | | |
| CBD-Total | 2.44 | | 0.142 | | | |
| CBG† | < LOQ | | 0.0756 | | | |
| CBG-A† | 0.116 | | 0.0756 | | | |
| CBG-Total | < LOQ | | 0.141 | | | |
| CBN | 0.161 | | 0.0756 | | | |
| Δ8-THC | 0.709 | | 0.0756 | | | |
| Δ9-THC | < LOQ | | 0.0756 | | | |
| HHC (9R) | 54.1 | | 0.756 | | | |
| HHC (9S) | 43.0 | | 0.756 | | | |
| THC-A | < LOQ | | 0.0756 | | | |
| THC-O-Acetate, delta-8† | < LOQ | | 0.0756 | | | |
| THC-O-Acetate, delta-9† | < LOQ | | 0.0756 | | | |
| THC-Total | < LOQ | | 0.142 | | | |
| Total Cannabinoids† | > 98.0 | | | | | |



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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 = $\mu\text{g/g}$ 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#: CF023 Rev 02/24/2021 Eff: 03/04/2021
ORELAPID: OR100028

| | | | | | | | | | | | | | | | | | |
|--|------------------------------|------|---------|------------------------------|---|---------|-------------------|--|----------|-----------------------|-----------------------------------|---|------------|-------|---------------|----------------|----------------------|
| Company: <u>BHC</u> Contact: <u>Kyle Harok</u> Street: <u>431 NW Flinders St</u> City: <u>Portland</u> State: <u>OR</u> Zip: <u>97209</u> <input type="checkbox"/> Email Results: <u>dropbox</u> Ph: (503) <u>605164</u> <input type="checkbox"/> Fx Results: () Billing (if different): <u>joel@thehempcollect.com</u> | | | | 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 type="checkbox"/> 5 Business Day Standard Turnaround <input type="checkbox"/> 3 Business Day Rush Turnaround* <input checked="" type="checkbox"/> 2 Business Day Rush Turnaround* <small>*Check for availability</small> | | | | | |
| Lab ID | Client Sample Identification | Date | Time | Pesticides - Or 33 compounds | Pesticide Multi-Residue - 375 compounds | Potency | Residual Solvents | Moisture & Water Activity | Terpenes | Micro: Yeast and Mold | Micro: E. Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Sample Type T | Weight (Units) | Comments (Metric ID) |
| 1 | 0113LIRDST200_SG | 6/10 | | | | X | | | | | | | | | C | | -HHC Potency |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |
| Requisitioned By: | | Date | Time | Received By: | | Date | Time | Lab Use Only: | | | | | | | | | |
| Joel Thompson | | 6/10 | 12:00 P | AC | | 6-10 | 12:27 | <input type="checkbox"/> Shipped Via: _____ or <u>5P</u> client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>24.9</u> Sample in good condition: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Parking storage: _____ | | | | | | | | | |

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

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services to be performed with the current scope of service associated with this ORELAP. By signing "Requisitioned By" you are agreeing to these terms.

12423 NE Whitaker Way
Portland, OR 97230

P: (503) 254-1794 | Fax: (503) 254-1452
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www.columbialaboratories.com



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Report Number: 22-006769/D002.R000
Report Date: 06/14/2022
ORELAP#: OR100028
Purchase Order:
Received: 06/10/22 12:27

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

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2205078**

| Laboratory Control Sample | | | | | | | | | |
|---------------------------|-----|--------|-------|-------|-------|--------|-------|------------|-------|
| Analyte | LCS | Result | Spike | Units | % Rec | Limits | | Evaluation | Notes |
| CBDVA | 1 | 0.108 | 0.100 | % | 108 | 80.0 | - 120 | Acceptable | |
| CBDV | 1 | 0.115 | 0.100 | % | 115 | 80.0 | - 120 | Acceptable | |
| CBE | 1 | 0.105 | 0.100 | % | 105 | 80.0 | - 120 | Acceptable | |
| CBDA | 1 | 0.101 | 0.100 | % | 101 | 90.0 | - 110 | Acceptable | |
| CBGA | 1 | 0.0972 | 0.100 | % | 97.2 | 80.0 | - 120 | Acceptable | |
| CBG | 1 | 0.0947 | 0.100 | % | 94.7 | 80.0 | - 120 | Acceptable | |
| CBD | 1 | 0.103 | 0.100 | % | 103 | 90.0 | - 110 | Acceptable | |
| THCV | 1 | 0.101 | 0.100 | % | 101 | 80.0 | - 120 | Acceptable | |
| d8THCV | 1 | 0.103 | 0.100 | % | 103 | 80.0 | - 120 | Acceptable | |
| THCVA | 1 | 0.105 | 0.100 | % | 105 | 80.0 | - 120 | Acceptable | |
| CBN | 1 | 0.101 | 0.100 | % | 101 | 90.0 | - 110 | Acceptable | |
| exo-THC | 1 | 0.0986 | 0.100 | % | 98.6 | 80.0 | - 120 | Acceptable | |
| d9THC | 1 | 0.0985 | 0.100 | % | 98.5 | 90.0 | - 110 | Acceptable | |
| d8THC | 1 | 0.0943 | 0.100 | % | 94.3 | 80.0 | - 120 | Acceptable | |
| CBL | 1 | 0.103 | 0.100 | % | 103 | 80.0 | - 120 | Acceptable | |
| 9S-HHC | 3 | 0.0902 | 0.100 | % | 90.2 | 80.0 | - 120 | Acceptable | |
| CBC | 1 | 0.103 | 0.100 | % | 103 | 80.0 | - 120 | Acceptable | |
| 9R-HHC | 3 | 0.0959 | 0.100 | % | 95.9 | 80.0 | - 120 | Acceptable | |
| THCA | 1 | 0.0988 | 0.100 | % | 98.8 | 90.0 | - 110 | Acceptable | |
| CBCA | 1 | 0.108 | 0.100 | % | 108 | 80.0 | - 120 | Acceptable | |
| CBLA | 1 | 0.110 | 0.100 | % | 110 | 80.0 | - 120 | Acceptable | |
| d8THCO | 3 | 0.0813 | 0.100 | % | 81.3 | 80.0 | - 120 | Acceptable | |
| CBT | 1 | 0.0965 | 0.100 | % | 96.5 | 80.0 | - 120 | Acceptable | |
| d9THCO | 3 | 0.113 | 0.100 | % | 113 | 80.0 | - 120 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|--------|-------|----------|------------|-------|
| CBDVA | <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 | |
| CBGA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBG | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBD | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCV | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d8THCV | <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 | |
| d9THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d8THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBL | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| 9S-HHC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| 9R-HHC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBCA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBLA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d8THCO | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBT | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d9THCO | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |

Abbreviations

ND - None Detected at or above MRL
RPD - Relative Percent Difference



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

Laboratory Quality Control Results

LOQ - Limit of Quantitation

Units of Measure:

% - Percent



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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: 2205078 | | | | | | |
|-------------------|--------|---------------------------|-------|-------|-------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 22-006309-0001 | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDVA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBDV | 0.923 | 0.953 | 0.077 | % | 3.14 | < 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 | |
| CBD | 97.4 | 96.8 | 0.077 | % | 0.631 | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBN | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d9THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| 9S-HHC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| 9R-HHC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d8THCO | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBT | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d9THCO | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |

Abbreviations

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

Units of Measure:



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Report Number: 22-006769/D002.R000
Report Date: 06/14/2022
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Purchase Order:
Received: 06/10/22 12:27

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. |

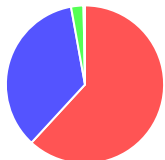


This is an amended version of report# 23-004523/D003.R000.
Reason: Combine results with report 23-003150/D003.R000.

Customer: The Hemp Collect
Product identity: 13DST225
Client/Metric ID: .
Laboratory ID: 23-004523-0003

Summary

Potency:

| Analyte | Result (%) | | |
|------------------------------|------------|---|---------------------------------------|
| HHC (9R-Hexahydrocannabinol) | 55.1 |  <ul style="list-style-type: none"> ● HHC (9R-Hexahydrocannabinol) ● HHC (9S-Hexahydrocannabinol) ● Δ8-THC ● CBN | CBD-Total <LOQ |
| HHC (9S-Hexahydrocannabinol) | 31.5 | | THC-Total <LOQ |
| Δ8-THC | 2.26 | | (Reported in percent of total sample) |
| CBN | 0.271 | | |

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

| Analyte | Result (mg/kg) | Limits (mg/kg) | Status |
|---------------------------------|------------------------|----------------|--------|
| Multi-Residue Pesticide Profile | < LOQ for all analytes | | |

Metals:

Less than LOQ for all analytes.



12423 NE Whitaker Way
 Portland, OR 97230
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Report Number: 23-004523/D003.R001
Report Date: 04/18/2023
ORELAP#: OR100028
Purchase Order:
Received: 04/13/23 00:00

Customer: The Hemp Collect
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

Product identity: 13DST225
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-004523-0003
Evidence of Cooling: No
Temp: 25 °C

Sample Results

| Potency | Method: J AOAC 2015 V98-6 (mod) ^b | | | Units % | Batch: 2306463 | Analyze: 4/18/23 4:05:00 AM |
|------------------------------|--|------------|--------|---------|---|-----------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes | | |
| CBD | < LOQ | | 0.0684 | | <ul style="list-style-type: none"> ● HHC (9R-Hexahydrocannabinol) ● HHC (9S-Hexahydrocannabinol) ● Δ8-THC ● CBN | |
| CBD-A | < LOQ | | 0.0684 | | | |
| CBD-Total | < LOQ | | 0.128 | | | |
| CBG | < LOQ | | 0.0684 | | | |
| CBG-A | < LOQ | | 0.0684 | | | |
| CBG-Total | < LOQ | | 0.128 | | | |
| CBN | 0.271 | | 0.0684 | | | |
| Δ10-THC-9R | < LOQ | | 0.0684 | | | |
| Δ10-THC-9S | < LOQ | | 0.0684 | | | |
| Δ10-THC-Total | < LOQ | | 0.137 | | | |
| Δ8-THC | 2.26 | | 0.0684 | | | |
| Δ9-THC | < LOQ | | 0.0684 | | | |
| HHC (9R-Hexahydrocannabinol) | 55.1 | | 0.684 | | | |
| HHC (9S-Hexahydrocannabinol) | 31.5 | | 0.684 | | | |
| THC-A | < LOQ | | 0.0684 | | | |
| THC-O-Acetate, delta-8 | < LOQ | | 0.0684 | | | |
| THC-O-Acetate, delta-9 | < LOQ | | 0.0684 | | | |
| THC-Total | < LOQ | | 0.128 | | | |
| Total Cannabinoids | 89.1 | | | | | |



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Report Number: 23-003150/D003.R000
Report Date: 04/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 03/14/23 13:59

| Solvents | | | | | | | | | | | Method: Residual Solvents by GC/MS ^b | | | | Units µg/g | | Batch 2305389 | | Analyze 04/03/23 09:08 AM | | | |
|---------------------------|--------|--------|------|--------|-------|-----------------------------------|--------|--------|------|--------|---|--|--|--|------------|--|---------------|--|---------------------------|--|--|--|
| 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) | < LOQ | 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 | < LOQ | | 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 2305403 | | Analyze 04/03/23 10:59 AM | | | |
|---------------------------------|------------------------|--------|-----|--------|-------|--|--|--|--|--|--|--|--|--|-------------|--|---------------|--|---------------------------|--|--|--|
| Analyte | Result | Limits | LOQ | 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 | 0.0849 | 2305993 | 04/07/23 AOAC 2013.06 (mod.) ^b | pass | | | |
| Cadmium* | < LOQ | 0.200 | mg/kg | 0.0849 | 2305993 | 04/07/23 AOAC 2013.06 (mod.) ^b | pass | | | |
| Lead* | < LOQ | 0.500 | mg/kg | 0.0849 | 2305993 | 04/07/23 AOAC 2013.06 (mod.) ^b | pass | | | |
| Mercury* | < LOQ | 0.100 | mg/kg | 0.0425 | 2305993 | 04/07/23 AOAC 2013.06 (mod.) ^b | pass | | | |



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



Report Number: 23-004523/D003.R001
Report Date: 04/18/2023
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Received: 04/13/23 00:00

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

% = 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: 23-003150/D003.R000
Report Date: 04/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 03/14/23 13:59



Cannabis Multi-Residue Profile, Limits of Quantitation

| Compound | LOQ (mg/kg) | Compound | LOQ (mg/kg) | Compound | LOQ (mg/kg) |
|-------------------------------|-------------|-------------------------|-------------|----------------------------|-------------|
| Abamectin | 0.100 | Cethodim | 0.050 | Endrin | 0.100 |
| Acephate | 0.100 | Cethodim Sulfone | 0.050 | EPN | 0.050 |
| Acequinocyl | 0.100 | Cethodim Sulfoxide | 0.050 | EPIC | 0.100 |
| Acetamiprid | 0.020 | Cb fenfentzine | 0.020 | Esfenvalerate/ Fenvalerate | 0.200 |
| Acetochlor | 0.100 | Cb mazone | 0.020 | Etaconazole | 0.100 |
| Acrinathrin | 0.100 | Cb thianidin | 0.200 | Ethalfuralin | 0.100 |
| Alachlor | 0.100 | Cumaphos | 0.050 | Ethiofencarb | 0.050 |
| Aldicarb | 0.100 | Crtoxypfos | 0.020 | Ethion | 0.200 |
| Aldicarb sulfoxide | 0.100 | Cyarazine | 0.020 | Ethirimol | 0.100 |
| Aldoxycarb (Aldicarb-sulfone) | 0.100 | Cyartofenphos | 0.020 | Ethofumesate | 0.050 |
| Aldrin | 0.100 | Cyatraniiprole | 0.050 | Ethoprophos | 0.020 |
| Ametoctradin | 0.020 | Cyazflamid | 0.020 | Etofenprox | 0.020 |
| Ametryn | 0.500 | Cytoate | 0.100 | Etoazole | 0.020 |
| Aspon | 0.100 | Cyfluthrin | 0.200 | Eridiazole | 0.100 |
| Asulam | 0.100 | Cyhalothrin, lambda | 0.200 | Erimfos | 0.020 |
| Atrazine | 0.100 | Cymoxanil | 0.050 | Famoxadone | 0.200 |
| Atrazine-desethyl | 0.100 | Cypermethrin | 0.200 | Famphur | 0.100 |
| Azinphos-ethyl | 0.020 | Cyprodinil | 0.100 | Fenamidon | 0.020 |
| Azinphos-methyl | 0.020 | Dadhal | 0.100 | Fenamiphos | 0.020 |
| Azoxystrobin | 0.020 | Daminozide | 0.100 | Fenamiphos sulfone | 0.020 |
| Beralaxyl | 0.020 | DCEMU | 0.050 | Fenamiphos sulfoxide | 0.020 |
| Berdiocarb | 0.020 | DDD, op' | 0.100 | Fenazaquin | 0.100 |
| Berfluralin | 0.100 | DDD, p,p' | 0.100 | Fenbuconazole | 0.100 |
| Berxacor | 0.050 | DDE, o,p' | 0.100 | Fenchlorphos | 0.100 |
| Bersulide | 0.050 | DDE, p,p' | 0.100 | Fenchlorphos-oxon | 0.100 |
| BHC alpha isomer | 0.100 | DDT, o,p' | 0.100 | Fenhexamid | 0.100 |
| BHC beta isomer | 0.100 | DDT, p,p' | 0.100 | Fenitrothion | 0.100 |
| BHC delta isomer | 0.500 | DEF (Tribufos) | 0.100 | Fenobucarb | 0.050 |
| Bifenazate | 0.020 | Deltamethrin | 0.100 | Fenoxycarb | 0.020 |
| Bifenthrin | 0.020 | Desmedipham | 0.100 | Fenpropathrin | 0.050 |
| Boscalid | 0.020 | Diallate | 0.100 | Fenpyroximate | 0.020 |
| Bromophos-ethyl | 0.100 | Diazinon | 0.020 | Fenson | 0.100 |
| Bromophos-methyl | 0.200 | Diazoxon | 0.100 | Fensulfothion | 0.020 |
| Bromopropylate | 0.100 | Dichlobenil | 0.100 | Fensulfothion oxon | 0.020 |
| Bromuconazole | 0.100 | Dichlofluanid | 0.100 | Fensulfothion sulfone | 0.100 |
| Bupirimate | 0.020 | Dichlorvos | 0.100 | Fensulfothion-oxon-sulfone | 0.020 |
| Buprofezin | 0.050 | Diclobutrazol | 0.050 | Fenthion | 0.050 |
| Butachlor | 0.500 | Dicofol | 0.100 | Fenthion oxon | 0.020 |
| Butralin | 0.200 | Dicrotophos | 0.050 | Fenthion oxon sulfone | 0.100 |
| Butylate | 0.100 | Dieldrin | 0.100 | Fenthion sulfone | 0.050 |
| Cadusafos | 0.020 | Diethofencarb | 0.020 | Fenuron | 0.020 |
| Captan | 1.000 | Diethyltoluamide (DEET) | 0.050 | Fipronil | 0.100 |
| Carbaryl | 0.050 | Difenoconazole | 0.100 | Fonicamid | 0.100 |
| Carbendazim | 0.100 | Dimethenamid | 0.050 | Fuchloralin | 0.100 |
| Carbofuran | 0.020 | Dimethoate | 0.050 | Flucythrinate | 0.100 |
| Carbophenothion | 0.200 | Dimethomorph | 0.050 | Fludioxonil | 0.200 |
| Carboxin | 0.020 | Diniconazole | 0.200 | Flufenacet | 0.020 |
| Carfentrazone-ethyl | 0.100 | Dinotefuran | 0.200 | Flumioxazin | 0.100 |
| Chlorantraniliprole | 0.020 | Dioxathion | 0.100 | Flumeturon | 0.020 |
| Chordane, cis- | 0.200 | Diphenamid | 0.020 | Fluopicolide | 0.050 |
| Chordane, trans- | 0.200 | Diphenylamine | 0.100 | Fluopyram | 0.020 |
| Chlorfenapyr | 0.500 | Disulfoton | 0.100 | Fluoxastrobin | 0.050 |
| Chlorfenson | 0.200 | Disulfoton sulfone | 0.100 | Flupyradifurone | 0.020 |
| Chlorfenvinphos | 0.050 | Disulfoton sulfoxide | 0.100 | Fluridone | 0.100 |
| Chlorobenzilate | 0.100 | Diuron | 0.050 | Flusilazole | 0.020 |
| Chloroneb | 0.200 | Edifenphos | 0.050 | Flutolanil | 0.020 |
| Chlorpyrifos | 0.050 | Endosulfan alpha | 0.200 | Flutriafol | 0.020 |
| Chlorpyrifos-methyl | 0.200 | Endosulfan beta | 0.200 | Fluvalinate, tau- | 0.100 |
| CIPC | 1.000 | Endosulfan sulfate | 0.100 | Fluxapyroxad | 0.020 |



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

Report Number: 23-003150/D003.R000
Report Date: 04/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 03/14/23 13:59



Cannabis Multi-Residue Profile, Limits of Quantitation

| Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) |
|----------------------|------------|-------------------------------|------------|--------------------------|------------|
| Fomesafen | 0.100 | Mexacarbate | 0.020 | Propamocarb | 0.050 |
| Fonofos | 0.100 | MGK 264 | 0.020 | Proparil | 0.050 |
| Forchlorfenuron | 0.050 | Mirex | 0.100 | Propargite | 0.050 |
| Formetanate | 0.050 | Molinate | 0.050 | Propazine | 0.020 |
| Furathiocarb | 0.020 | Monocrotophos | 0.100 | Propetamphos | 0.050 |
| Heptachlor | 0.100 | Monolinuron | 0.020 | Propham | 0.050 |
| Heptachlor epoxide | 0.100 | Myclobutanil | 0.050 | Propiconazole | 0.050 |
| Heptenophos | 0.100 | Naled | 0.100 | Propoxur | 0.050 |
| Hexachlorobenzene | 0.100 | Napropamide | 0.050 | Propoxycarbazone Na | 0.050 |
| Hexaconazole | 0.100 | Neburon | 0.020 | Propyzamide | 0.050 |
| Hexazinone | 0.100 | Nitrapyrin | 0.100 | Prthiofos | 0.100 |
| Hexythiazox | 0.020 | Norflurazon | 0.050 | Pyraclostrobin | 0.020 |
| Imazalil | 0.100 | Omethoate | 0.100 | Pyrazophos | 0.050 |
| Imidacoprid | 0.100 | O-Phenylphenol | 0.100 | Pyrethrins | 0.050 |
| Indaziflam | 0.020 | Oxadixyl | 0.100 | Pyridaben | 0.020 |
| Indoxacarb | 0.020 | Oxamyl | 0.100 | Pyridafol | 0.100 |
| Iprobenfos | 0.100 | Oxamyl-oxime | 0.100 | Pyridate | 0.020 |
| Iprodione | 0.100 | Oxychlorane | 0.100 | Pyrimethanil | 0.050 |
| Isobenzan | 0.100 | Oxydemeton-Methyl | 0.100 | Pyriproxifen | 0.020 |
| Isocarbophos | 0.500 | Oxythioquinox | 0.200 | Pyroxasulfone | 0.020 |
| Isodrin | 0.100 | Padobutrazol | 0.050 | Pyroxulam | 0.020 |
| Isofenphos | 0.050 | Paraoxon-ethyl | 0.020 | Quinalphos | 0.050 |
| Isofenphos-methyl | 0.020 | Paraoxon methyl | 0.100 | Quinoxyfen | 0.050 |
| Isofenphos oxon | 0.050 | Parathion ethyl | 0.100 | Quintozene (PQNB) | 0.200 |
| Isoprocarb | 0.020 | Parathion methyl | 0.200 | Resmethrin | 0.050 |
| Isopropalin | 0.200 | Perconazole | 0.050 | Rotenone | 0.050 |
| Isoprothiolane | 0.050 | Perdimethalin | 0.050 | S421 | 0.100 |
| Isoproturon | 0.050 | Perflufen | 0.020 | Smaazine | 0.100 |
| Isoxaben | 0.050 | Pertachloroaniline | 0.100 | Smectryn | 0.200 |
| Isoxaflutole | 0.050 | Pertachloroanisole | 0.100 | Spinetoram | 0.020 |
| Kresoxim-methyl | 0.050 | Pentachlorobenzene (PCB) | 0.100 | Spinosad | 0.050 |
| Lactofen | 0.500 | Pentachlorothiobenzene (PCTA) | 0.100 | Spirodiclofen | 0.100 |
| Lenacl | 0.100 | Perthiopyrad | 0.020 | Spiromesifen | 0.050 |
| Lindane (gammaBHC) | 0.100 | Permethrin | 0.050 | Spirotetramat | 0.050 |
| Linuron | 0.020 | Pethane | 0.100 | Spiroxamine | 0.020 |
| Malaaxon | 0.050 | Phenmedipharm | 0.050 | Sulfotep | 0.050 |
| Malathion | 0.050 | Phanthoate | 0.050 | Sulfoxaflor | 0.050 |
| Mandipropamid | 0.020 | Phorate | 0.050 | Sulprofos | 0.020 |
| Mecarbam | 0.020 | Phorate Sulfone | 0.050 | Tebuconazole | 0.100 |
| Mepanipyrim | 0.050 | Phorate Sulfoxide | 0.050 | Tebufenozide | 0.020 |
| Merphos | 0.500 | Phosalone | 0.050 | Tebuthiuron | 0.020 |
| Metalaxyl | 0.050 | Phosmet | 0.100 | Tecnazene | 0.100 |
| Metaldehyde | 0.050 | Phosphamidon | 0.050 | Tefluthrin | 0.100 |
| Metconazole | 0.100 | Phoxim | 0.050 | Terbufos | 0.020 |
| Methadifos | 0.100 | Pinoxaden | 0.020 | Terbufos sulfone | 0.050 |
| Methamidophos | 0.050 | Piperonyl butoxide | 0.050 | Terbufos sulfoxide | 0.050 |
| Methidathion | 0.050 | Pirimicarb | 0.020 | Terbutylazine | 0.020 |
| Methiocarb | 0.050 | Pirimiphos-methyl | 0.050 | Terbutryn | 0.020 |
| Methiocarb sulfone | 0.100 | Pirimiphos-ethyl | 0.020 | Tetrachlorvinphos | 0.050 |
| Methiocarb sulfoxide | 0.100 | Prallethrin | 0.100 | Tetraconazole | 0.050 |
| Methomyl | 0.100 | Prochloraz | 0.020 | Tetradfon | 0.200 |
| Methoxychlor | 0.100 | Procyimdone | 0.100 | Tetramethrin | 0.050 |
| Methoxyfenozide | 0.020 | Prfenofos | 0.100 | Tetrasul | 0.100 |
| Metobromuron | 0.050 | Prfluralin | 0.100 | Thiabendazole | 0.100 |
| Metolachlor | 0.100 | Prmecarb | 0.050 | Thiabendazole, 5-hydroxy | 0.100 |
| Metolcarb | 0.050 | Prometon | 0.100 | Thiadoprid | 0.050 |
| Metraferone | 0.050 | Prometryn | 0.020 | Thiamethoxam | 0.100 |
| Metribuzin | 0.100 | Propachlor | 0.020 | Thiobencarb | 0.050 |
| Mevinphos | 0.100 | | | Thiodicarb | 0.050 |
| | | | | Thiophanate-methyl | 0.050 |



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Report Number: 23-003150/D003.R000
Report Date: 04/10/2023
ORELAP#: OR100028
Purchase Order:
Received: 03/14/23 13:59



Cannabis Multi-Residue Profile, Limits of Quantitation

| Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) | Compound | LOQ(mg/kg) |
|------------------|------------|--------------|------------|-----------------|------------|
| Tolclofos-methyl | 0.100 | Triazophos | 0.020 | Trifloxystrobin | 0.020 |
| Triforin | 0.100 | Tolyfluarid | 0.050 | Triticonazole | 0.050 |
| Tralkoxydim | 0.100 | Tridiphane | 0.500 | Vindozolin | 0.100 |
| Triadimefon | 0.050 | Triflumizole | 0.020 | Zoxamide | 0.020 |
| Triallate | 0.100 | Trifluralin | 0.100 | | |

LOQ= Limit of Quantitation, mg/kg

Factors affecting the LOQ include instrumentation sensitivity for a particular analyte, sample size, moisture content (percent solids) of the sample, effectiveness of the cleanup on the sample extract, and especially the type of sample matrix.



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



Report Number: 23-000691/D005.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16

Customer: IHC LLC
Product identity: 01LIR209_SG
Client/Metric ID: .
Laboratory ID: 23-000691-0008

Summary

Potency:

| Analyte | Result (%) | | |
|---------|------------|--|--|
| CBD-A | 58.2 | | |
| CBC-A | 3.16 | | |
| CBG-A | 3.13 | | |
| THC-A | 2.61 | | |
| CBD | 1.35 | | |
| CBDV-A | 1.04 | | |
| Δ9-THC | 0.380 | | |
| CBG | 0.252 | | |
| CBC | 0.170 | | |
| | | | |

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

| Analyte | Result (mg/kg) | Limits (mg/kg) | Status |
|---------------------------------|------------------------|----------------|--------|
| Multi-Residue Pesticide Profile | < LOQ for all analytes | | |

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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 Portland, OR 97230
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Report Number: 23-000691/D005.R000
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Received: 01/17/23 14:16

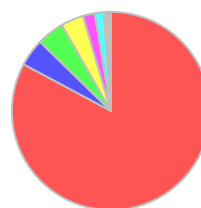
Customer: IHC LLC
 825 NW 16th Ave
 Portland Oregon 97209
 United States of America (USA)

Product identity: 01LIR209_SG
Client/Metric ID: .
Sample Date:
Laboratory ID: 23-000691-0008
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 5:07:00 AM |
|---------------------------|--|------------|--------|---------|----------------|-----------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes | | |
| CBC | 0.170 | | 0.0715 | | | |
| CBC-A | 3.16 | | 0.0715 | | | |
| CBC-Total | 2.94 | | 0.134 | | | |
| CBD | 1.35 | | 0.0715 | | | |
| CBD-A | 58.2 | | 0.715 | | | |
| CBD-Total | 52.4 | | 0.699 | | | |
| CBDV | < LOQ | | 0.0715 | | | |
| CBDV-A | 1.04 | | 0.0715 | | | |
| CBDV-Total | 0.901 | | 0.133 | | | |
| CBE | < LOQ | | 0.0715 | | | |
| CBG | 0.252 | | 0.0715 | | | |
| CBG-A | 3.13 | | 0.0715 | | | |
| CBG-Total | 3.00 | | 0.133 | | | |
| CBL | < LOQ | | 0.0715 | | | |
| CBL-A | < LOQ | | 0.0715 | | | |
| CBL-Total | < LOQ | | 0.134 | | | |
| CBN | < LOQ | | 0.0715 | | | |
| CBT | < LOQ | | 0.0715 | | | |
| Δ10-THC-9R | < LOQ | | 0.0715 | | | |
| Δ8-THC | < LOQ | | 0.0715 | | | |
| Δ8-THCV | < LOQ | | 0.0715 | | | |
| Δ9-THC | 0.380 | | 0.0715 | | | |
| exo-THC | < LOQ | | 0.0715 | | | |
| THC-A | 2.61 | | 0.0715 | | | |
| THC-Total | 2.67 | | 0.134 | | | |
| THCV | < LOQ | | 0.0715 | | | |
| THCV-A | < LOQ | | 0.0715 | | | |
| THCV-Total | < LOQ | | 0.133 | | | |
| Total Cannabinoids | 70.3 | | | | | |



- CBD-A
- CBC-A
- CBG-A
- THC-A
- CBD
- CBDV-A
- Δ9-THC
- CBG
- CBC



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Report Number: 23-000691/D005.R000
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Received: 01/17/23 14:16

Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes |
|-------------------------|--------|--------|-------|-----|---------|--|--------|-------|
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2300531 | 01/21/23 AOAC 2014.05 (RAPID) [®] | | |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2300531 | 01/21/23 AOAC 2014.05 (RAPID) [®] | | |

Solvents Method: Residual Solvents by GC/MS[®] Units µg/g Batch 2300722 Analyze 01/24/23 12:13 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) | < LOQ | 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 | < LOQ | | 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)[®] 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 | 0.0775 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) [®] | pass | |
| Cadmium | < LOQ | 0.200 | mg/kg | 0.0775 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) [®] | pass | |
| Lead | < LOQ | 0.500 | mg/kg | 0.0775 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) [®] | pass | |
| Mercury | < LOQ | 0.100 | mg/kg | 0.0388 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) [®] | pass | |



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Report Number: 23-000691/D005.R000
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Received: 01/17/23 14:16

Mycotoxins

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes |
|-------------------------------|--------|--------|-------|------|---------|---|--------|-------|
| Aflatoxin B2 [‡] | < LOQ | | µg/kg | 5.00 | 2300576 | 01/19/23 AOAC 2007.01 & EN 15662 (mod) ^P | | |
| Aflatoxin B1 [‡] | < LOQ | | µg/kg | 5.00 | 2300576 | 01/19/23 AOAC 2007.01 & EN 15662 (mod) ^P | | |
| Aflatoxin G1 [‡] | < LOQ | | µg/kg | 5.00 | 2300576 | 01/19/23 AOAC 2007.01 & EN 15662 (mod) ^P | | |
| Aflatoxin G2 [‡] | < LOQ | | µg/kg | 5.00 | 2300576 | 01/19/23 AOAC 2007.01 & EN 15662 (mod) ^P | | |
| Ochratoxin A [‡] | < LOQ | 20.0 | µg/kg | 5.00 | 2300576 | 01/19/23 AOAC 2007.01 & EN 15662 (mod) ^P | pass | |
| Total Aflatoxins [‡] | 0.000 | 20.0 | µg/kg | 20.0 | | 01/24/23 AOAC 2007.01 & EN 15662 (mod) ^P | pass | |



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



Report Number: 23-000691/D005.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
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.

Ⓐ = ISO/IEC 17025:2017 accredited method.

Ⓜ = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

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

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: 23-000691/D005.R000
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Received: 01/17/23 14:16



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: The Hemp Collect Contact: kyle@thehempcollect.com Street: 431 NW Flinders St. City: Portland State: Or Zip: 97209 Email Results: dropbox (IHC) Ph: <input checked="" type="checkbox"/> (503) 658-1044 <input type="checkbox"/> Fax Results: <input type="checkbox"/> Billing (if different): joe1@thehempcollect.com | | | | Analysis Requested | | | | | | | | | | PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State: <input type="checkbox"/> METRIC 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 - OR 19 compounds | Pesticide Multi-Residue - 179 compounds | Potency | Residual Solvents | Moisture & Water Activity | Terpenes | Micro: Yeast and Mold | Micro: E. Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Sample Type | Weight (Units) | Comments/Notes (U) |
| 1 | 01LIRVAP200_SP | | | | | X | | | | | | | | | C | | |
| 2 | 01LIRVAP200_PB | | | | | X | | | | | | | | | C | | |
| 3 | 0107LIRVAP200_LJama | | | | | X | | | | | | | | | C | | |
| 4 | 0107LIRVAP200_OGK | | | | | X | | | | | | | | | C | | |
| 5 | 01020506LIRVAP200_TG | | | | | X | | | | | | | | | C | | |
| 6 | 01020506LIRVAP200_FV | | | | | X | | | | | | | | | C | | |
| 7 | 01LIR209_GJ | | | X | X | X | | | X | X | X | X | | | C | | |
| 8 | 01LIR209_SG | | | X | X | X | | | X | X | X | X | | | C | | |
| 9 | 01LIR209_LJama | | | X | X | X | | | X | X | X | X | | | C | | |
| 10 | 01LIR209_TG | | | X | X | X | | | | | X | | | | C | | |
| Relinquished By: | | Date | Time | Relinquished By: | | Date | Time | Lab Use Only: | | | | | | | | | |
| Kyle Farook | | 1/17 | 11:00 AM | <i>[Signature]</i> | | 1/17/23 | 11:10 | <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>20.0</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: _____ Freezing storage: _____ | | | | | | | | | |
| <i>[Signature]</i> | | 1/17 | 1:33 PM | <i>[Signature]</i> | | 01/17/23 | 1:36 | | | | | | | | | | |

* - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C) ; Texture/Topical (T) ; Gummies (G) ; Beverage (B)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services to be performed with the current version of service associated with this COC. By signing "Relinquished By" you are agreeing to these terms.

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



Report Number: 23-000691/D005.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 |
| CBDVA | 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 | |
| CBGA | 1 | 0.0973 | 0.096 | % | 101 | 80.0 | - 120 | Acceptable | |
| CBG | 1 | 0.100 | 0.099 | % | 102 | 80.0 | - 120 | Acceptable | |
| CBD | 1 | 0.0969 | 0.097 | % | 99.6 | 90.0 | - 110 | Acceptable | |
| THCV | 2 | 0.109 | 0.106 | % | 102 | 80.0 | - 120 | Acceptable | |
| d8THCV | 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 | |
| d9THC | 1 | 0.112 | 0.105 | % | 107 | 90.0 | - 110 | Acceptable | |
| d8THC | 1 | 0.0971 | 0.100 | % | 96.7 | 90.0 | - 110 | Acceptable | |
| CBL | 2 | 0.108 | 0.104 | % | 104 | 80.0 | - 120 | Acceptable | |
| 9S-HHC | 3 | 0.0995 | 0.100 | % | 99.5 | 80.0 | - 120 | Acceptable | |
| d10THC | 1 | 0.0471 | 0.047 | % | 99.8 | 80.0 | - 120 | Acceptable | |
| CBG | 2 | 0.107 | 0.104 | % | 103 | 80.0 | - 120 | Acceptable | |
| 9R-HHC | 3 | 0.0889 | 0.100 | % | 88.9 | 80.0 | - 120 | Acceptable | |
| THCA | 1 | 0.0964 | 0.095 | % | 101 | 90.0 | - 110 | Acceptable | |
| CBGA | 2 | 0.106 | 0.103 | % | 103 | 80.0 | - 120 | Acceptable | |
| CBLA | 2 | 0.108 | 0.105 | % | 104 | 80.0 | - 120 | Acceptable | |
| d8THCO | 3 | 0.104 | 0.100 | % | 104 | 80.0 | - 120 | Acceptable | |
| CBT | 2 | 0.109 | 0.105 | % | 104 | 80.0 | - 120 | Acceptable | |
| d9THCO | 3 | 0.110 | 0.100 | % | 110 | 80.0 | - 120 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|--------|-------|----------|------------|-------|
| CBDVA | <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 | |
| CBGA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBG | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBD | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCV | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d8THCV | <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 | |
| d9THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d8THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBL | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| 9S-HHC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d10THC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBG | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| 9R-HHC | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| THCA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBGA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBLA | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d8THCO | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| CBT | <LOQ | 0.0077 | % | < 0.0077 | Acceptable | |
| d9THCO | <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 |
| CBDVA | 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 | |
| CBD | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d8THCV | <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 | |
| d9THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d8THC | 0.189 | 0.172 | 0.077 | % | 9.34 | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| 9S-HHC | 39.6 | 38.5 | 0.077 | % | 2.70 | < 20 | Acceptable | |
| d10THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| 9R-HHC | 36.9 | 35.2 | 0.077 | % | 4.96 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d8THCO | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBT | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| d9THCO | <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:



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

Report Number: 23-000691/D005.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: 2300722 | | | | | |
|-----------------------|--------|-------|-------|---------------------------|-------|-------|-------|----------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes |
| Propane | ND | < 200 | | 480 | 572 | µg/g | 83.9 | 60 - 120 | |
| Isobutane | ND | < 200 | | 623 | 731 | µg/g | 85.2 | 60 - 120 | |
| Butane | ND | < 200 | | 592 | 731 | µg/g | 81.0 | 60 - 120 | |
| 2,2-Dimethylpropane | ND | < 200 | | 812 | 936 | µg/g | 86.8 | 60 - 120 | |
| Methanol | ND | < 200 | | 1410 | 1620 | µg/g | 87.0 | 60 - 120 | |
| Ethylene Oxide | ND | < 30 | | 49 | 56.2 | µg/g | 87.2 | 60 - 120 | |
| 2-Methylbutane | ND | < 200 | | 1330 | 1610 | µg/g | 82.6 | 60 - 120 | |
| Pentane | ND | < 200 | | 1330 | 1600 | µg/g | 83.1 | 60 - 120 | |
| Ethanol | ND | < 200 | | 1400 | 1610 | µg/g | 87.0 | 70 - 130 | |
| Ethyl Ether | ND | < 200 | | 1340 | 1630 | µg/g | 82.2 | 60 - 120 | |
| 2,2-Dimethylbutane | ND | < 30 | | 138 | 171 | µg/g | 80.7 | 60 - 120 | |
| Acetone | ND | < 200 | | 1340 | 1630 | µg/g | 82.2 | 60 - 120 | |
| 2-Propanol | ND | < 200 | | 1440 | 1620 | µg/g | 88.9 | 60 - 120 | |
| Ethyl Formate | ND | < 500 | | 1380 | 1670 | µg/g | 82.6 | 70 - 130 | |
| Acetonitrile | ND | < 100 | | 409 | 498 | µg/g | 82.1 | 60 - 120 | |
| Methyl Acetate | ND | < 500 | | 1460 | 1730 | µg/g | 84.4 | 70 - 130 | |
| 2,3-Dimethylbutane | ND | < 30 | | 135 | 171 | µg/g | 78.9 | 60 - 120 | |
| Dichloromethane | ND | < 60 | | 406 | 483 | µg/g | 84.1 | 60 - 120 | |
| 2-Methylpentane | ND | < 30 | | 146 | 168 | µg/g | 86.9 | 60 - 120 | |
| MTBE | ND | < 500 | | 1520 | 1650 | µg/g | 92.1 | 70 - 130 | |
| 3-Methylpentane | ND | < 30 | | 125 | 167 | µg/g | 74.9 | 60 - 120 | |
| Hexane | ND | < 30 | | 178 | 182 | µg/g | 97.8 | 60 - 120 | |
| 1-Propanol | ND | < 500 | | 1420 | 1620 | µg/g | 87.7 | 70 - 130 | |
| Methylethylketone | ND | < 500 | | 1330 | 1620 | µg/g | 82.1 | 70 - 130 | |
| Ethyl acetate | ND | < 200 | | 1360 | 1610 | µg/g | 84.5 | 60 - 120 | |
| 2-Butanol | ND | < 200 | | 1430 | 1600 | µg/g | 89.4 | 60 - 120 | |
| Tetrahydrofuran | ND | < 100 | | 397 | 483 | µg/g | 82.2 | 60 - 120 | |
| Cyclohexane | ND | < 200 | | 1300 | 1610 | µg/g | 80.7 | 60 - 120 | |
| 2-methyl-1-propanol | ND | < 500 | | 1360 | 1620 | µg/g | 84.0 | 70 - 130 | |
| Benzene | ND | < 1 | | 4.42 | 5.02 | µg/g | 88.0 | 60 - 120 | |
| Isopropyl Acetate | ND | < 200 | | 1450 | 1620 | µg/g | 89.5 | 60 - 120 | |
| Heptane | ND | < 200 | | 1280 | 1610 | µg/g | 79.5 | 60 - 120 | |
| 1-Butanol | ND | < 500 | | 1450 | 1630 | µg/g | 89.0 | 70 - 130 | |
| Propyl Acetate | ND | < 500 | | 1310 | 1610 | µg/g | 81.4 | 70 - 130 | |
| 1,4-Dioxane | ND | < 100 | | 390 | 491 | µg/g | 79.4 | 60 - 120 | |
| 2-Ethoxyethanol | ND | < 30 | | 296 | 181 | µg/g | 163.5 | 60 - 120 | Q1 |
| Methylisobutylketone | ND | < 500 | | 1260 | 1620 | µg/g | 77.8 | 70 - 130 | |
| 3-Methyl-1-butanol | ND | < 500 | | 1380 | 1630 | µg/g | 84.7 | 70 - 130 | |
| Ethylene Glycol | ND | < 200 | | 652 | 484 | µg/g | 134.7 | 60 - 120 | Q1 |
| Toluene | ND | < 100 | | 373 | 485 | µg/g | 76.9 | 60 - 120 | |
| Isobutyl Acetate | ND | < 500 | | 1320 | 1630 | µg/g | 81.0 | 70 - 130 | |
| 1-Pentanol | ND | < 500 | | 1330 | 1620 | µg/g | 82.1 | 70 - 130 | |
| Butyl Acetate | ND | < 500 | | 1280 | 1620 | µg/g | 79.0 | 70 - 130 | |
| Ethylbenzene | ND | < 200 | | 712 | 969 | µg/g | 73.5 | 60 - 120 | |
| m,p-Xylene | ND | < 200 | | 720 | 994 | µg/g | 72.4 | 60 - 120 | |
| o-Xylene | ND | < 200 | | 694 | 967 | µg/g | 71.8 | 60 - 120 | |
| Cumene | ND | < 30 | | 126 | 171 | µg/g | 73.7 | 60 - 120 | |
| Anisole | ND | < 500 | | 1120 | 1630 | µg/g | 68.7 | 70 - 130 | Q6 |
| DMSO | ND | < 500 | | 2220 | 1680 | µg/g | 132.1 | 70 - 130 | Q1 |
| 1,2-dimethoxyethane | ND | < 50 | | 147 | 169 | µg/g | 87.0 | 70 - 130 | |
| Triethylamine | ND | < 500 | | 1340 | 1630 | µg/g | 82.2 | 70 - 130 | |
| N,N-dimethylformamide | ND | < 150 | | 573 | 482 | µg/g | 118.9 | 70 - 130 | |
| N,N-dimethylacetamide | ND | < 150 | | 533 | 510 | µg/g | 104.5 | 70 - 130 | |
| Pyridine | ND | < 50 | | 194 | 203 | µg/g | 95.6 | 70 - 130 | |
| Sulfolane | ND | < 50 | | 198 | 172 | µg/g | 115.1 | 70 - 130 | |
| 1,2-Dichloroethane | ND | < 1 | | 0.857 | 1 | µg/g | 85.7 | 70 - 130 | |
| Chloroform | ND | < 1 | | 0.892 | 1 | µg/g | 89.2 | 70 - 130 | |
| Trichloroethylene | ND | < 1 | | 0.93 | 1 | µg/g | 93.0 | 70 - 130 | |
| 1,1-Dichloroethane | ND | < 1 | | 0.899 | 1 | µg/g | 89.9 | 70 - 130 | |



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Report Number: 23-000691/D005.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:

| QC - Sample Duplicate | | Sample ID: 23-000158-0002 | | | | | | |
|-----------------------|--------|---------------------------|-----|-------|-----|--------|-------------|-------|
| 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 | ND | ND | 200 | µg/g | 0.0 | < 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 | |
| Pentane | 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 | |
| Ethyl Formate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetonitrile | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl Acetate | ND | ND | 500 | 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 | |
| MTBE | ND | ND | 500 | 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 | |
| 1-Propanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl ethyl ketone | ND | ND | 500 | 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 | |
| 2-methyl-1-propanol | ND | ND | 500 | 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-Butanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Propyl Acetate | ND | ND | 500 | 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 | |
| Methylisobutylketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methyl-1-butanol | ND | ND | 500 | 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 | |
| Isobutyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Pentanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Butyl Acetate | ND | ND | 500 | 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 | |
| Anisole | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| DMSO | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,2-dimethoxyethane | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| Triethylamine | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| N,N-dimethylformamide | ND | ND | 150 | µg/g | 0.0 | < 20 | Acceptable | |
| N,N-dimethylacetamide | ND | ND | 150 | µg/g | 0.0 | < 20 | Acceptable | |
| Pyridine | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| Sulfolane | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,2-Dichloroethane | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Chloroform | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Trichloroethylene | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,1-Dichloroethane | ND | ND | 1 | 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.

Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

Units of Measure:

µg/g- Microgram per gram or ppm



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



Report Number: 23-000691/D005.R000
Report Date: 01/24/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/17/23 14:16





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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. |