

CONSOLIDATED TEST RESULTS SUMMARY

Please see the following pages for full test results.

BULK SKU TN.O.FS20

BATCH # DL04(A)

PRODUCT NAME Full Spectrum Standard Potency Tincture

SERVING SIZE 1 mL

LABORATORY: Columbia Laboratories

OREGON ACCREDITATION: OR100028

LOQ: Limit Of Quantitation

LOD: Limit Of Detection

 $1 \text{ g} = 10^{-3} \text{ kg} = 10^3 \text{ mg} = 10^6 \text{ } \mu\text{g}$
 $1 \text{ mg/kg} = 1 \text{ ppm} = 1000 \text{ ppb}$

| POTENCY | PER SERVING | PER GRAM | Percent |
|------------------------------------|------------------|------------|---------|
| Cannabidiol (CBD) | 21.2 mg/serving | 22.5 mg/g | 2.25 % |
| Total THC (d9-THC, THCA) | 0.77 mg/serving | 0.817 mg/g | 0.082 % |
| Cannabigerol (CBG) | 0.407 mg/serving | 0.432 mg/g | 0.043 % |
| Cannabinol (CBN) | 0.033 mg/serving | 0.035 mg/g | 0.004 % |
| Cannabichromene (CBC) | 0.764 mg/serving | 0.810 mg/g | 0.081 % |
| Tetrahydrocannabinolic Acid (THCA) | <LOQ mg/serving | <LOQ mg/g | <LOQ % |
| Delta-9-THC (d9-THC) | 0.77 mg/serving | 0.817 mg/g | 0.082 % |
| Delta-8-THC (d8-THC) | <LOQ mg/serving | <LOQ mg/g | <LOQ % |

| HEAVY METALS | PER SERVING | PER GRAM | REGULATORY ACTION LEVEL |
|--------------|----------------------------|----------------------|--------------------------------------|
| Arsenic | <LOQ $\mu\text{g/serving}$ | <LOQ $\mu\text{g/g}$ | 10 $\mu\text{g/day}$ ^[1] |
| Cadmium | <LOQ $\mu\text{g/serving}$ | <LOQ $\mu\text{g/g}$ | 4.1 $\mu\text{g/day}$ ^[1] |
| Lead | <LOQ $\mu\text{g/serving}$ | <LOQ $\mu\text{g/g}$ | 3.5 $\mu\text{g/day}$ ^[2] |
| Mercury | <LOQ $\mu\text{g/serving}$ | <LOQ $\mu\text{g/g}$ | 2 $\mu\text{g/day}$ ^[1] |

| PESTICIDES | REGULATORY ACTION LEVEL |
|--|-------------------------|
| None of the other 59 pesticides tested found above limit of detection in the sample. | 10 ppb ^[1] |

| RESIDUAL SOLVENTS | Results | REGULATORY ACTION LEVEL |
|--|---------|-------------------------|
| Ethanol | <LOQ | 50,000 mg/day |
| Heptane | <LOQ | 50,000 mg/day |
| None of the 34 residual solvents tested found above limit of quantitation in the sample. | | |

| MICROBIAL | PASS/FAIL |
|--------------|-----------|
| Yeast & Mold | Pass |
| Coliform | Pass |

| TERPENES | % OF SAMPLE |
|------------------------|-------------|
| Farnesene | <LOQ % |
| β -Caryophyllene | 0.0398 % |
| α -Bisabolol | 0.0206 % |
| Guaiol | <LOQ % |
| Humulene | <LOQ % |
| Caryophyllene Oxide | <LOQ % |



1. American Herbal Pharmacopoeia. (2014). Cannabis Inflorescence: Standards of Identity, Analysis, and Quality Control. Washington DC: AHP.

2. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA. US Food and Drug Administration. (2019). Lead in Food, Foodwares, and Dietary Supplements. Washington DC: FDA.



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



Report Number: 22-001129/D002.R000
Report Date: 02/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

Customer: Etz Hayim Holdings
Product identity: DL04(A)-TN.O.FS.20
Client/Metric ID: .
Laboratory ID: 22-001129-0001

Summary

Potency:

| Analyte per 1ml | Result | Limits | Units | Status | |
|---------------------------|--------|--------|--------|--------|--------------------------------------|
| CBC per 1ml [†] | 0.764 | | mg/1ml | | CBD Total per 1ml 21.2 mg/1ml |
| CBD per 1ml | 20.8 | | mg/1ml | | |
| CBD A per 1ml | 0.460 | | mg/1ml | | THC-Total per 1ml 0.770 mg/1ml |
| CBDV per 1ml [†] | 0.138 | | mg/1ml | | |
| CBE per 1ml [†] | 0.271 | | mg/1ml | | (Reported in milligrams per serving) |
| CBG per 1ml [†] | 0.407 | | mg/1ml | | |
| CBN per 1ml | 0.0325 | | mg/1ml | | |
| CBT per 1ml [†] | 0.336 | | mg/1ml | | |
| Δ9 THC per 1ml | 0.770 | | mg/1ml | | |



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Received: 01/31/22 16:24



Customer: Etz Hayim Holdings
 16427 NE Airport Way
 PORTLAND 97230
 United States of America (USA)

Product identity: DL04(A)-TN.O.FS.20

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-001129-0001

Evidence of Cooling: No

Temp: 16.8 °C

Relinquished by: Client

Serving Size #1: 0.943 g

Density: 0.9430 g/ml

Sample Results

| Potency per 1ml | Method J AOAC 2015 V98-6 (mod)Units mg/se | Batch: 2200906 | Analyze: 2/1/22 9:35:00 PM | | |
|---------------------------------|---|----------------|----------------------------|--------|-------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBC per 1ml [†] | 0.764 | | mg/1ml | 0.0299 | |
| CBC-A per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| CBC-Total per 1ml [†] | 0.764 | | mg/1ml | 0.0562 | |
| CBD per 1ml | 20.8 | | mg/1ml | 0.299 | |
| CBD-A per 1ml | 0.460 | | mg/1ml | 0.0299 | |
| CBD-Total per 1ml | 21.2 | | mg/1ml | 0.326 | |
| CBDV per 1ml [†] | 0.138 | | mg/1ml | 0.0299 | |
| CBDV-A per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| CBDV-Total per 1ml [†] | 0.138 | | mg/1ml | 0.0559 | |
| CBE per 1ml [†] | 0.271 | | mg/1ml | 0.0299 | |
| CBG per 1ml [†] | 0.407 | | mg/1ml | 0.0299 | |
| CBG-A per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| CBG-Total per 1ml [†] | 0.407 | | mg/1ml | 0.0559 | |
| CBL per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| CBL-A per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| CBL-Total per 1ml [†] | < LOQ | | mg/1ml | 0.0562 | |
| CBN per 1ml | 0.0325 | | mg/1ml | 0.0299 | |
| CBT per 1ml [†] | 0.336 | | mg/1ml | 0.0299 | |
| Δ8-THCV per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| Δ8-THC per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| Δ9-THC per 1ml | 0.770 | | mg/1ml | 0.0299 | |
| exo-THC per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| THC-A per 1ml | < LOQ | | mg/1ml | 0.0299 | |
| THC-Total per 1ml | 0.770 | | mg/1ml | 0.0562 | |
| THCV per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| THCV-A per 1ml [†] | < LOQ | | mg/1ml | 0.0299 | |
| THCV-Total per 1ml [†] | < LOQ | | mg/1ml | 0.0562 | |
| Total Cannabinoids per 1ml | 24.0 | | mg/1ml | | |



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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

g = Gram

g/ml = Gram per milliliter

mg/1ml = Milligram per 1ml

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 22-001129/D002.R000
Report Date: 02/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

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

Cannabis Chain of Custody Record



ORELAP ID: OR100028

| Field ID | | Date/Time Collected | Pesticides - OR 59 compounds | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Water Activity | Moisture | Terpenes | Micro: Yeast and Mold | Micro: E.Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Matrix | Weight | Serving size for edibles | Comments/Metric ID |
|--------------------|--|---------------------|------------------------------|---|---------|-------------------|----------------|----------|----------|-----------------------|----------------------------------|--------------|------------|-------|-----------|--------|--------------------------|--------------------|
| DLB4 (A)-TN.O.FS20 | | 1/31/22 4pm | | | X | | | | | | | | | | liquid/TN | | | LAZ. Nat Discount |
| DLB4 (A)-TN.O.FS20 | | 1/31/22 4pm | X | | | X | | | X | X | X | X | | | | | | - Parcell Path - |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Purchase Order Number:
Project Number:
Project Name:
 Report Instructions:
 Send to State - METRC
 Email Final Results:
 Fax Final Results
 Cash/Check/CC/Net 30
Other:

| | | | | | | | |
|---|------------------|------|------|--------------|------|------|---|
| Collected By: | Relinquished By: | Date | Time | Received by: | Date | Time | Lab Use Only: |
| <input type="checkbox"/> Standard (5 day) <input checked="" type="checkbox"/> Rush (3-4 day) (1.5x Standard) <input type="checkbox"/> Priority Rush (2 day) (2x Standard) | | | | | | | Client Alias: Order Number: Proper Container Sample Condition Temperature: Shipped Via: Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | | | | | JV 1/31/22 TO 19g client |

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
 Revision: 1.02 Control#: CF023 Effective 01/31/2019 Revised 01/31/2019
 www.pixislabs.com
 Page 1 of 2

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.

Testing in accordance with: OAR 333-007-0430



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



Report Number: 22-001129/D002.R000
Report Date: 02/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

Revision 1 Document D 7148
Legacy D Worksheet Validated 04/20/2021

Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | | | | | | |
|---------------------------|---------|-------|-------|-------|------------|------------|-------|
| Batch ID: 2200906 | | | | | | | |
| Laboratory Control Sample | | | | | | | |
| Analyte | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
| CBDVA | 0.00966 | 0.01 | % | 96.6 | 85.0 - 115 | Acceptable | |
| CBDV | 0.0107 | 0.01 | % | 107 | 85.0 - 115 | Acceptable | |
| CBE | 0.00955 | 0.01 | % | 95.5 | 85.0 - 115 | Acceptable | |
| CBDA | 0.0105 | 0.01 | % | 105 | 85.0 - 115 | Acceptable | |
| CBGA | 0.00964 | 0.01 | % | 96.4 | 85.0 - 115 | Acceptable | |
| CBG | 0.00962 | 0.01 | % | 96.2 | 85.0 - 115 | Acceptable | |
| CBD | 0.0103 | 0.01 | % | 103 | 85.0 - 115 | Acceptable | |
| THCV | 0.00965 | 0.01 | % | 96.5 | 85.0 - 115 | Acceptable | |
| d8THCV | 0.00920 | 0.01 | % | 92.0 | 85.0 - 115 | Acceptable | |
| THCVA | 0.00944 | 0.01 | % | 94.4 | 85.0 - 115 | Acceptable | |
| CBN | 0.0105 | 0.01 | % | 105 | 85.0 - 115 | Acceptable | |
| exo-THC | 0.00895 | 0.01 | % | 89.5 | 85.0 - 115 | Acceptable | |
| d9THC | 0.0102 | 0.01 | % | 102 | 85.0 - 115 | Acceptable | |
| d8THC | 0.00914 | 0.01 | % | 91.4 | 85.0 - 115 | Acceptable | |
| CBL | 0.00896 | 0.01 | % | 89.6 | 85.0 - 115 | Acceptable | |
| CBC | 0.00994 | 0.01 | % | 99.4 | 85.0 - 115 | Acceptable | |
| THCA | 0.0101 | 0.01 | % | 101 | 85.0 - 115 | Acceptable | |
| CBCA | 0.00991 | 0.01 | % | 99.1 | 85.0 - 115 | Acceptable | |
| CBLA | 0.00970 | 0.01 | % | 97.0 | 85.0 - 115 | Acceptable | |
| CBT | 0.0112 | 0.01 | % | 112 | 85.0 - 115 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|-------|-------|---------|------------|-------|
| CBDVA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBDV | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBE | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBDA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBGA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBG | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBD | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| THCV | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d8THCV | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| THCVA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBN | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| exo-THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d9THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| d8THC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBL | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBC | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| THCA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBCA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBLA | <LOQ | 0.003 | % | < 0.003 | Acceptable | |
| CBT | <LOQ | 0.003 | % | < 0.003 | 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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Portland, OR 97230
503-254-1794



Report Number: 22-001129/D002.R000
Report Date: 02/07/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

Revision 1 Document D 7148
Legacy D Worksheet Validated 04/20/2021

Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | | | | | | | |
|----------------------------|---------|-------------|-------|-------|------|--------|------------|-------|
| Batch ID: 2200906 | | | | | | | | |
| Sample Duplicate | | | | | | | | |
| Sample D 22-000789-0001-01 | | | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDVA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBDV | 0.0398 | 0.0426 | 0.003 | % | 6.78 | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBG | 0.0294 | 0.0326 | 0.003 | % | 10.0 | < 20 | Acceptable | |
| CBD | 7.47 | 8.28 | 0.003 | % | 10.3 | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBN | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| d9THC | 0.00428 | 0.00462 | 0.003 | % | 7.64 | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBL | 0.00505 | 0.00565 | 0.003 | % | 11.1 | < 20 | Acceptable | |
| CBC | 0.0123 | 0.0127 | 0.003 | % | 2.56 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.003 | % | NA | < 20 | Acceptable | |
| CBT | 0.139 | 0.148 | 0.003 | % | 6.28 | < 20 | Acceptable | |

Abbreviations

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

Units of Measure:

% - Percent



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Explanation of QC Flag Comments:

| Code | Explanation |
|------|---|
| Q | Matrix interferences affecting spike or surrogate recoveries. |
| Q1 | Quality control result biased high. Only non-detect samples reported. |
| Q2 | Quality control outside QC limits. Data considered estimate. |
| Q3 | Sample concentration greater than four times the amount spiked. |
| Q4 | Non-homogenous sample matrix, affecting RPD result and/or % recoveries. |
| Q5 | Spike results above calibration curve. |
| Q6 | Quality control outside QC limits. Data acceptable based on remaining QC. |
| R | Relative percent difference (RPD) outside control limit. |
| R1 | RPD non-calculable, as sample or duplicate results are less than five times the LOQ. |
| R2 | Sample replicates RPD non-calculable, as only one replicate is within the analytical range. |
| LOQ1 | Quantitation level raised due to low sample volume and/or dilution. |
| LOQ2 | Quantitation level raised due to matrix interference. |
| B | Analyte detected in method blank, but not in associated samples. |
| B1 | The sample concentration is greater than 5 times the blank concentration. |
| B2 | The sample concentration is less than 5 times the blank concentration. |



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



Report Number: 22-001129/D004.R000
Report Date: 02/09/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

Customer: Etz Hayim Holdings
Product identity: DL04(A)-TN.O.FS.20
Client/Metric ID: .
Laboratory ID: 22-001129-0002

Summary

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

| Analyte | Percent by weight | Percent of Total | Analyte | Percent by weight | Percent of Total |
|------------------------|-------------------|------------------|--------------|-------------------|------------------|
| β-Caryophyllene† | 0.0398 | 65.89% | α-Bisabolol† | 0.0206 | 34.11% |
| Total Terpenes† | 0.0604 | 100.00% | | | |

Metals:

Less than LOQ for all analytes.

Microbiology:

| Analyte | Result | Units |
|-------------------------|--------|-------|
| Yeast (RAPID Petrifilm) | 1,000 | cfu/g |



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Received: 01/31/22 16:24



Customer: Etz Hayim Holdings
 16427 NE Airport Way
 PORTLAND 97230
 United States of America (USA)

Product identity: DL04(A)-TN.O.FS.20

Client/Metric ID: .

Sample Date:

Laboratory ID: 22-001129-0002

Evidence of Cooling: No

Temp: 16.8 °C

Relinquished by: Client

Sample Results

Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Status | Notes |
|-------------------------|--------|--------|-------|-----|---------|----------|-------------------------|----------|-------|
| E.coli | < LOQ | | cfu/g | 10 | 2200845 | 02/03/22 | AOAC 991.14 (Petrifilm) | X, I | |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2200845 | 02/03/22 | AOAC 991.14 (Petrifilm) | X, I | |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2200846 | 02/04/22 | AOAC 2014.05 (RAPID) | X, I | |
| Yeast (RAPID Petrifilm) | 1,000 | | cfu/g | 10 | 2200846 | 02/04/22 | AOAC 2014.05 (RAPID) | X, I, E1 | |

Solvents

| Residual Solvents by GC/MS | | | | | | Batch 2200970 Analyze 02/03/22 03:06 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-Dimethyl butane | < LOQ | | 30.0 | | | 2,2-Dimethylpropane (neo-pentane) | < LOQ | | 200 | | |
| 2,3-Dimethyl butane | < 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 | | Ethanol ^l | < LOQ | | 200 | | |
| 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 | | | | | | | |



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 Portland, OR 97230
 503-254-1794

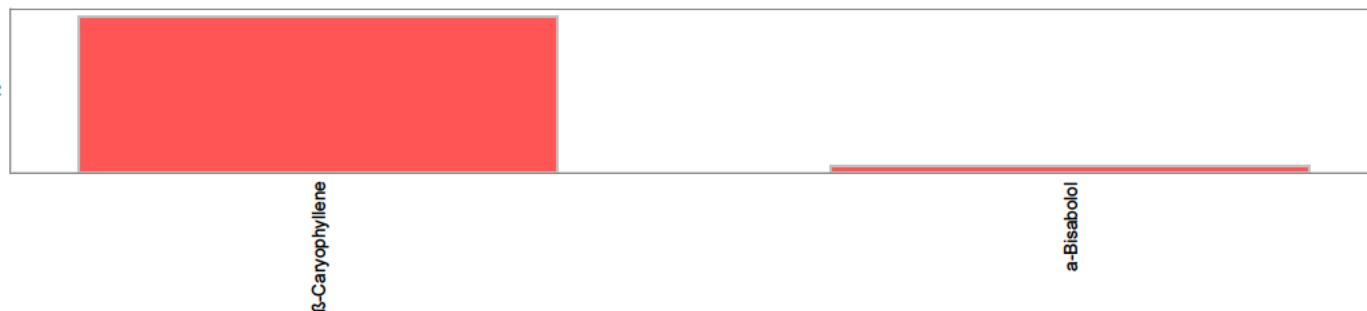


Report Number: 22-001129/D004.R000
Report Date: 02/09/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

| Pesticides | | | | | Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2200919 Analyze 02/03/22 08:12 AM | | | | | | |
|------------------|--------|--------|-------|--------|--|---------------------|--------|--------|-------|--------|-------|
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
| Abamectin | < LOQ | 0.50 | 0.250 | pass | | Acephate | < LOQ | 0.40 | 0.250 | pass | |
| Acequinocyl | < LOQ | 2.0 | 1.00 | pass | | Acetamiprid | < LOQ | 0.20 | 0.100 | pass | |
| Aldicarb | < LOQ | 0.40 | 0.200 | pass | | Azoxystrobin | < LOQ | 0.20 | 0.100 | pass | |
| Bifenazate | < LOQ | 0.20 | 0.100 | pass | | Bifenthrin | < LOQ | 0.20 | 0.100 | pass | |
| Boscalid | < LOQ | 0.40 | 0.200 | pass | | Carbaryl | < LOQ | 0.20 | 0.100 | pass | |
| Carbofuran | < LOQ | 0.20 | 0.100 | pass | | Chlorantraniliprole | < LOQ | 0.20 | 0.100 | pass | |
| Chlorfenapyr | < LOQ | 1.0 | 0.500 | pass | | Chlorpyrifos | < LOQ | 0.20 | 0.100 | pass | |
| Clofentezine | < LOQ | 0.20 | 0.100 | pass | | Cyfluthrin | < LOQ | 1.0 | 0.500 | pass | |
| Cypermethrin | < LOQ | 1.0 | 0.500 | pass | | Daminozide | < LOQ | 1.0 | 0.500 | pass | |
| Diazinon | < LOQ | 0.20 | 0.100 | pass | | Dichlorvos | < LOQ | 1.0 | 0.500 | pass | |
| Dimethoate | < LOQ | 0.20 | 0.100 | pass | | Ethoprophos | < LOQ | 0.20 | 0.100 | pass | |
| Etofenprox | < LOQ | 0.40 | 0.200 | pass | | Etoxazole | < LOQ | 0.20 | 0.100 | pass | |
| Fenoxycarb | < LOQ | 0.20 | 0.100 | pass | | Fenpyroximate | < LOQ | 0.40 | 0.200 | pass | |
| Fipronil | < LOQ | 0.40 | 0.200 | pass | | Fonicamid | < LOQ | 1.0 | 0.400 | pass | |
| Fludioxonil | < LOQ | 0.40 | 0.200 | pass | | Hexythiazox | < LOQ | 1.0 | 0.400 | pass | |
| Imazalil | < LOQ | 0.20 | 0.100 | pass | | Imidacloprid | < LOQ | 0.40 | 0.200 | pass | |
| Kresoxim-methyl | < LOQ | 0.40 | 0.200 | pass | | Malathion | < LOQ | 0.20 | 0.100 | pass | |
| Metalaxyl | < LOQ | 0.20 | 0.100 | pass | | Methiocarb | < LOQ | 0.20 | 0.100 | pass | |
| Methomyl | < LOQ | 0.40 | 0.200 | pass | | MGK-264 | < LOQ | 0.20 | 0.100 | pass | |
| Myclobutanil | < LOQ | 0.20 | 0.100 | pass | | Naled | < LOQ | 0.50 | 0.250 | pass | |
| Oxamyl | < LOQ | 1.0 | 0.500 | pass | | Paclobutrazole | < LOQ | 0.40 | 0.200 | pass | |
| Parathion-Methyl | < LOQ | 0.20 | 0.200 | pass | | Permethrin | < LOQ | 0.20 | 0.100 | pass | |
| Phosmet | < LOQ | 0.20 | 0.100 | pass | | Piperonyl butoxide | < LOQ | 2.0 | 1.00 | pass | |
| Prallethrin | < LOQ | 0.20 | 0.200 | pass | | Propiconazole | < LOQ | 0.40 | 0.200 | pass | |
| Propoxur | < LOQ | 0.20 | 0.100 | pass | | Pyrethrin I (total) | < LOQ | 1.0 | 0.500 | pass | |
| Pyridaben | < LOQ | 0.20 | 0.100 | pass | | Spinosad | < LOQ | 0.20 | 0.100 | pass | |
| Spiromesifen | < LOQ | 0.20 | 0.100 | pass | | Spirotetramat | < LOQ | 0.20 | 0.100 | pass | |
| Spiroxamine | < LOQ | 0.40 | 0.200 | pass | | Tebuconazole | < LOQ | 0.40 | 0.200 | pass | |
| Thiacloprid | < LOQ | 0.20 | 0.100 | pass | | Thiamethoxam | < LOQ | 0.20 | 0.100 | pass | |
| Trifloxystrobin | < LOQ | 0.20 | 0.100 | pass | | | | | | | |



| Terpenes | | | | Method J AOAC 2015 V98-6 | Units % | Batch 2201133 | Analyze 02/08/22 | 12:00 AM | |
|-------------------------------|---------------|-------|------------|--------------------------|--------------------------------------|---------------|------------------|------------|-------|
| Analyte | Result | LOQ | % of Total | Notes | Analyte | Result | LOQ | % of Total | Notes |
| β-Caryophyllene [†] | 0.0398 | 0.019 | 65.8940% | | α-Bisabolol [†] | 0.0206 | 0.019 | 34.1060% | |
| Humulene [†] | < LOQ | 0.019 | 0.00% | | (-)-caryophyllene oxide [†] | < LOQ | 0.019 | 0.00% | |
| β-Myrcene [†] | < LOQ | 0.019 | 0.00% | | Geraniol [†] | < LOQ | 0.019 | 0.00% | |
| α-phellandrene [†] | < LOQ | 0.019 | 0.00% | | nerol [†] | < LOQ | 0.019 | 0.00% | |
| (-)-α-Terpineol [†] | < LOQ | 0.019 | 0.00% | | trans-β-Ocimene [†] | < LOQ | 0.012 | 0.00% | |
| α-Terpinene [†] | < LOQ | 0.019 | 0.00% | | p-Cymene [†] | < LOQ | 0.019 | 0.00% | |
| (R)-(+)-Limonene [†] | < LOQ | 0.019 | 0.00% | | cis-β-Ocimene [†] | < LOQ | 0.006 | 0.00% | |
| Linalool [†] | < LOQ | 0.019 | 0.00% | | Terpinolene [†] | < LOQ | 0.019 | 0.00% | |
| Geranyl acetate [†] | < LOQ | 0.019 | 0.00% | | (-)-Guaiol [†] | < LOQ | 0.019 | 0.00% | |
| γ-Terpinene [†] | < LOQ | 0.019 | 0.00% | | Sabinene [†] | < LOQ | 0.019 | 0.00% | |
| (+)-Cedrol [†] | < LOQ | 0.019 | 0.00% | | (+)-Pulegone [†] | < LOQ | 0.019 | 0.00% | |
| α-pinene [†] | < LOQ | 0.019 | 0.00% | | (±)-Camphor [†] | < LOQ | 0.019 | 0.00% | |
| (-)-β-Pinene [†] | < LOQ | 0.019 | 0.00% | | Menthol [†] | < LOQ | 0.019 | 0.00% | |
| valencene [†] | < LOQ | 0.019 | 0.00% | | Camphene [†] | < LOQ | 0.019 | 0.00% | |
| Sabinene hydrate [†] | < LOQ | 0.019 | 0.00% | | (±)-trans-Nerolidol [†] | < LOQ | 0.019 | 0.00% | |
| Eucalyptol [†] | < LOQ | 0.019 | 0.00% | | (±)-fenchone [†] | < LOQ | 0.019 | 0.00% | |
| (+)-fenchol [†] | < LOQ | 0.019 | 0.00% | | (-)-Isopulegol [†] | < LOQ | 0.019 | 0.00% | |
| (+)-Borneol [†] | < LOQ | 0.019 | 0.00% | | (±)-cis-Nerolidol [†] | < LOQ | 0.019 | 0.00% | |
| α-cedrene [†] | < LOQ | 0.019 | 0.00% | | d-3-Carene [†] | < LOQ | 0.019 | 0.00% | |
| farnesene [†] | < LOQ | 0.019 | 0.00% | | Isoborneol [†] | < LOQ | 0.019 | 0.00% | |
| Total Terpenes | 0.0604 | | | | | | | | |



| Metals | | | | | | | | | |
|---------|--------|--------|-------|--------|---------|----------|---------------------|--------|-------|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Status | Notes |
| Arsenic | < LOQ | 0.200 | mg/kg | 0.0811 | 2201011 | 02/04/22 | AOAC 2013.06 (mod.) | pass | X |
| Cadmium | < LOQ | 0.200 | mg/kg | 0.0811 | 2201011 | 02/04/22 | AOAC 2013.06 (mod.) | pass | X |
| Lead | < LOQ | 0.500 | mg/kg | 0.0811 | 2201011 | 02/04/22 | AOAC 2013.06 (mod.) | pass | X |
| Mercury | < LOQ | 0.100 | mg/kg | 0.0406 | 2201011 | 02/04/22 | AOAC 2013.06 (mod.) | pass | X |



12423 NE Whitaker Way
Portland, OR 97230
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Report Number: 22-001129/D004.R000
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Received: 01/31/22 16:24

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

cfu/g = Colony forming units per gram

µg/g = Microgram per gram

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

E1: Estimated Value.

I: Insufficient sample received to meet method requirements.

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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



Report Number: 22-001129/D004.R000
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Purchase Order:
Received: 01/31/22 16:24



12423 NE Whitaker Way Portland OR 97230 p.503-254-1794

Cannabis Chain of Custody Record

ORELAP ID: OR100028

| Field ID | | Date/Time Collected | Pesticides - OR 59 compounds | Pesticide Multi-Residue - 379 compounds | Potency | Residual Solvents | Water Activity | Moisture | Terpenes | Micro: Yeast and Mold | Micro: E.Coli and Total Coliform | Heavy Metals | Mycotoxins | Other | Matrix | Weight | Serving size for edibles | Comments/Metric ID |
|--------------------|--|---------------------|------------------------------|---|---------|-------------------|----------------|----------|----------|-----------------------|----------------------------------|--------------|------------|-------|-----------|--------|--------------------------|--------------------|
| DLB4 (A)-TN.O.FS20 | | 1/31/22 4pm | | | X | | | | | | | | | | liquid/TN | | | LAZ. Nat Discount |
| DLB4 (A)-TN.O.FS20 | | 1/31/22 4pm | X | | | X | | | X | X | X | X | | | | | | - Parcell Path - |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Purchase Order Number:
Project Number:
Project Name:
 Report Instructions:
 Send to State - METRC
 Email Final Results:
 Fax Final Results
 Cash/Check/CC/Net 30
Other:

| | | | | | | | |
|---|------------------|------|------|--------------|------|------|--|
| Collected By: | Relinquished By: | Date | Time | Received by: | Date | Time | Lab Use Only: |
| <input type="checkbox"/> Standard (5 day) | | | | | | | Client Alias: |
| <input checked="" type="checkbox"/> Rush (3-4 day) (1.5x Standard) | | | | | | | Order Number: |
| <input type="checkbox"/> Priority Rush (2 day) (2x Standard) | | | | | | | Proper Container |
| | | | | | | | Sample Condition |
| | | | | | | | Temperature: |
| | | | | | | | Shipped Via: |
| | | | | | | | Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

DU 1/31/22
HS
19g
client

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO PIXIS WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE BACK OF THIS FORM
Revision: 1.02 Controll#: CF023
Effective 01/31/2019 Revised 01/31/2019
www.pixislabs.com
Page 1 of 2

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410



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Rev s o 3 Docume D 3 20
 Legacy D C L C2 Wo ks ee Va da ed 0/30/2020

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | Laboratory Control Sample | | Batch ID: 2200919 | | |
|------------------------|--------------|--------------|-------|---------------------------|-----------|-------------------|--------|-------|
| Method Blank | Blank Result | Blank Limits | Notes | LCS Result | LCS Spike | LCS % Rec | Limits | Notes |
| Abamectin | 0.000 | < 0.250 | | 0.998 | 1.000 | 99.8 | 80.8 | 124 |
| Acephate | 0.000 | < 0.250 | | 0.987 | 1.000 | 98.7 | 69.9 | 121 |
| Acequinocyl | 0.000 | < 1.000 | | 3.561 | 4.000 | 89.0 | 83.6 | 119 |
| Acetamiprid | 0.000 | < 0.100 | | 0.392 | 0.400 | 97.9 | 67.7 | 126 |
| Aldicarb | 0.000 | < 0.200 | | 0.780 | 0.800 | 97.5 | 70.6 | 129 |
| Azoxystrobin | 0.000 | < 0.100 | | 0.366 | 0.400 | 91.6 | 77.8 | 123 |
| Bifenazate | 0.000 | < 0.100 | | 0.432 | 0.400 | 108.1 | 87.3 | 162 |
| Bifenthrin | 0.000 | < 0.100 | | 0.369 | 0.400 | 92.2 | 74.5 | 120 |
| Boscalid | 0.000 | < 0.200 | | 0.795 | 0.800 | 99.3 | 74.3 | 131 |
| Carbaryl | 0.000 | < 0.100 | | 0.376 | 0.400 | 93.9 | 81.3 | 122 |
| Carbofuran | 0.000 | < 0.100 | | 0.370 | 0.400 | 92.4 | 71.8 | 133 |
| Chlorantraniliprol | 0.000 | < 0.100 | | 0.392 | 0.400 | 98.0 | 82.4 | 121 |
| Chlorfenapyr | 0.130 | < 0.500 | | 1.933 | 2.000 | 96.6 | 71.4 | 133 |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.380 | 0.400 | 94.9 | 72.4 | 120 |
| Clofentazine | 0.000 | < 0.100 | | 0.373 | 0.400 | 93.3 | 76.4 | 121 |
| Cyfluthrin | 0.000 | < 0.500 | | 1.753 | 2.000 | 87.6 | 70.3 | 131 |
| Cypermethrin | 0.000 | < 0.500 | | 1.929 | 2.000 | 96.5 | 75.2 | 125 |
| Daminozide | 0.292 | < 0.500 | | 2.057 | 2.000 | 102.8 | 78.9 | 146 |
| Diazinon | 0.000 | < 0.100 | | 0.392 | 0.400 | 98.0 | 71.9 | 133 |
| Dichlorvos | 0.000 | < 0.500 | | 1.841 | 2.000 | 92.1 | 82.4 | 113 |
| Dimethoat | 0.000 | < 0.100 | | 0.388 | 0.400 | 97.1 | 82.6 | 118 |
| Ethoprophos | 0.000 | < 0.100 | | 0.386 | 0.400 | 96.4 | 74.9 | 126 |
| Etofenprox | 0.000 | < 0.200 | | 0.743 | 0.800 | 92.9 | 73.4 | 136 |
| Etoxazol | 0.000 | < 0.100 | | 0.400 | 0.400 | 100.0 | 75.2 | 131 |
| Fenoxycarb | 0.000 | < 0.100 | | 0.386 | 0.400 | 96.4 | 82.8 | 118 |
| Fenpyroximat | 0.000 | < 0.200 | | 0.766 | 0.800 | 95.7 | 79.9 | 121 |
| Fipronil | 0.000 | < 0.200 | | 0.813 | 0.800 | 101.7 | 85.4 | 127 |
| Flonicamid | 0.000 | < 0.250 | | 0.776 | 1.000 | 77.6 | 72.2 | 127 |
| Fludioxonil | 0.000 | < 0.200 | | 0.770 | 0.800 | 96.2 | 72.0 | 134 |
| Hexythiazox | 0.000 | < 0.250 | | 0.944 | 1.000 | 94.4 | 73.0 | 131 |
| Imazalil | 0.000 | < 0.100 | | 0.397 | 0.400 | 99.1 | 75.1 | 132 |
| Imidacloprid | 0.000 | < 0.200 | | 0.700 | 0.800 | 87.5 | 80.0 | 121 |
| Kresoxim Methyl | 0.000 | < 0.200 | | 0.764 | 0.800 | 95.5 | 77.3 | 125 |
| Malathion | 0.000 | < 0.100 | | 0.372 | 0.400 | 93.0 | 76.2 | 130 |
| Metaxyl | 0.000 | < 0.100 | | 0.373 | 0.400 | 93.2 | 80.5 | 121 |
| Methiocarb | 0.006 | < 0.100 | | 0.378 | 0.400 | 94.6 | 82.0 | 121 |
| Methomyl | 0.000 | < 0.200 | | 0.678 | 0.800 | 84.8 | 68.3 | 127 |
| MGK 264 | 0.000 | < 0.100 | | 0.383 | 0.400 | 95.8 | 77.4 | 124 |
| Myclobutanil | 0.000 | < 0.100 | | 0.377 | 0.400 | 94.1 | 74.9 | 127 |
| Naled | 0.000 | < 0.250 | | 0.929 | 1.000 | 92.9 | 82.6 | 115 |
| Oxamyl | 0.000 | < 0.500 | | 1.764 | 2.000 | 88.2 | 73.4 | 124 |
| Paclobutrazol | 0.000 | < 0.200 | | 0.760 | 0.800 | 95.0 | 80.7 | 121 |
| Parathion Methyl | 0.000 | < 0.200 | | 0.749 | 0.800 | 93.6 | 80.3 | 127 |
| Permethrin | 0.000 | < 0.100 | | 0.403 | 0.400 | 100.8 | 70.0 | 124 |
| Phosmet | 0.000 | < 0.100 | | 0.366 | 0.400 | 91.5 | 81.3 | 122 |
| Piperonyl butoxide | 0.000 | < 0.500 | | 1.997 | 2.000 | 99.8 | 71.8 | 133 |
| Prallethrin | 0.000 | < 0.100 | | 0.382 | 0.400 | 95.5 | 77.0 | 124 |
| Propiconazole | 0.000 | < 0.200 | | 0.751 | 0.800 | 93.9 | 82.8 | 120 |
| Propoxur | 0.000 | < 0.100 | | 0.371 | 0.400 | 92.7 | 74.7 | 126 |
| Pyrethrins | 0.000 | < 0.100 | | 0.401 | 0.413 | 97.1 | 73.3 | 136 |
| Pyridaben | 0.000 | < 0.100 | | 0.376 | 0.400 | 94.1 | 75.2 | 126 |
| Spinosad | 0.000 | < 0.100 | | 0.366 | 0.388 | 94.4 | 74.9 | 139 |
| Spiromesifen | 0.000 | < 0.100 | | 0.370 | 0.400 | 92.5 | 78.0 | 128 |
| Spirotetramat | 0.000 | < 0.100 | | 0.383 | 0.400 | 95.9 | 80.7 | 123 |
| Spiroxamine | 0.000 | < 0.200 | | 0.737 | 0.800 | 92.2 | 75.6 | 122 |
| ebuconazol | 0.000 | < 0.200 | | 0.771 | 0.800 | 96.4 | 80.6 | 123 |
| hiacloprid | 0.000 | < 0.100 | | 0.380 | 0.400 | 95.0 | 80.8 | 122 |
| hiamethoxam | 0.000 | < 0.100 | | 0.337 | 0.400 | 84.3 | 70.9 | 130 |
| rifloxystrobin | 0.000 | < 0.100 | | 0.364 | 0.400 | 90.9 | 76.4 | 128 |



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 Legacy D C L C2 Wo ks ee Va da ed 0/30/2020

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | | | | Batch ID: 2200919 | | | |
|--|--------|---------------------------|---------|-------|-------|-------|-------------------|-----------|--------|-------|
| Matrix Spike/Matrix Spike Duplicate Recoveries | | Sample ID: 22-001070-0001 | | | | | | | | |
| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | MS % Rec | MSD % Rec | Limits | Notes |
| Abamectin | 0.000 | 1.008 | 0.827 | 1.000 | 19.8% | < 30 | 100.8% | 82.7% | 50 150 | |
| Acephate | 0.000 | 0.946 | 0.914 | 1.000 | 3.4% | < 30 | 94.6% | 91.4% | 50 150 | |
| Acequinocyl | 0.347 | 3.599 | 3.757 | 4.000 | 4.7% | < 30 | 81.3% | 85.3% | 50 150 | |
| Acetamiprid | 0.000 | 0.381 | 0.380 | 0.400 | 0.3% | < 30 | 95.3% | 95.0% | 50 150 | |
| Aldicarb | 0.000 | 0.799 | 0.689 | 0.800 | 14.8% | < 30 | 99.9% | 86.1% | 50 150 | |
| Azoxystrobin | 0.000 | 0.329 | 0.329 | 0.400 | 0.1% | < 30 | 82.3% | 82.2% | 50 150 | |
| Bifenazate | 0.000 | 0.487 | 0.466 | 0.400 | 4.3% | < 30 | 121.8% | 116.6% | 50 150 | |
| Bifenthrin | 0.008 | 0.299 | 0.293 | 0.400 | 2.1% | < 30 | 72.9% | 71.3% | 50 150 | |
| Boscalid | 0.000 | 0.761 | 0.786 | 0.800 | 3.3% | < 30 | 95.1% | 98.3% | 50 150 | |
| Carbaryl | 0.000 | 0.338 | 0.345 | 0.400 | 1.9% | < 30 | 84.6% | 86.2% | 50 150 | |
| Carbofuran | 0.000 | 0.321 | 0.320 | 0.400 | 0.1% | < 30 | 80.2% | 80.1% | 50 150 | |
| Chlorantraniliprol | 0.000 | 0.385 | 0.370 | 0.400 | 3.8% | < 30 | 96.3% | 92.6% | 50 150 | |
| Chlorfenapyr | 0.146 | 1.788 | 1.950 | 2.000 | 9.4% | < 30 | 82.1% | 90.2% | 50 150 | |
| Chlorpyrifos | 0.009 | 0.151 | 0.129 | 0.400 | 16.6% | < 30 | 35.6% | 30.1% | 50 150 | Q |
| Clofentezine | 0.000 | 0.272 | 0.266 | 0.400 | 2.2% | < 30 | 68.1% | 66.6% | 50 150 | |
| Cyfluthrin | 0.000 | 0.982 | 0.891 | 2.000 | 9.6% | < 30 | 49.1% | 44.6% | 30 150 | |
| Cypermethrin | 0.000 | 1.507 | 1.453 | 2.000 | 3.7% | < 30 | 75.4% | 72.7% | 50 150 | |
| Daminozide | 0.264 | 2.209 | 2.221 | 2.000 | 0.6% | < 30 | 97.2% | 97.8% | 30 150 | |
| Diazinon | 0.000 | 0.360 | 0.353 | 0.400 | 2.0% | < 30 | 90.0% | 88.3% | 50 150 | |
| Dichlorvos | 0.000 | 1.773 | 1.750 | 2.000 | 1.3% | < 30 | 88.6% | 87.5% | 50 150 | |
| Dimethoat | 0.000 | 0.381 | 0.365 | 0.400 | 4.4% | < 30 | 95.3% | 91.2% | 50 150 | |
| Ethoprophos | 0.001 | 0.369 | 0.364 | 0.400 | 1.5% | < 30 | 92.1% | 90.8% | 50 150 | |
| Etofenprox | 0.000 | 0.685 | 0.698 | 0.800 | 1.8% | < 30 | 85.6% | 87.2% | 50 150 | |
| Etoxazol | 0.000 | 0.382 | 0.377 | 0.400 | 1.5% | < 30 | 95.5% | 94.1% | 50 150 | |
| Fenoxycarb | 0.000 | 0.303 | 0.303 | 0.400 | 0.1% | < 30 | 75.8% | 75.7% | 50 150 | |
| Fenpyroximat | 0.000 | 0.672 | 0.667 | 0.800 | 0.7% | < 30 | 83.9% | 83.3% | 50 150 | |
| Fipronil | 0.000 | 0.416 | 0.428 | 0.800 | 2.7% | < 30 | 52.0% | 53.5% | 50 150 | |
| Flonicamid | 0.000 | 0.845 | 0.831 | 1.000 | 1.7% | < 30 | 84.5% | 83.1% | 50 150 | |
| Fludioxonil | 0.000 | 0.830 | 0.777 | 0.800 | 6.7% | < 30 | 103.8% | 97.1% | 50 150 | |
| Hexythiazox | 0.000 | 0.156 | 0.161 | 1.000 | 3.2% | < 30 | 15.6% | 16.1% | 50 150 | Q |
| Imazalil | 0.000 | 0.376 | 0.355 | 0.400 | 5.7% | < 30 | 93.9% | 88.7% | 50 150 | |
| Imidacloprid | 0.000 | 0.759 | 0.767 | 0.800 | 1.0% | < 30 | 94.9% | 95.8% | 50 150 | |
| Kresoxim Methyl | 0.000 | 0.696 | 0.701 | 0.800 | 0.7% | < 30 | 87.0% | 87.6% | 50 150 | |
| Malathion | 0.005 | 0.399 | 0.389 | 0.400 | 2.7% | < 30 | 98.6% | 96.0% | 50 150 | |
| Metalaxyl | 0.000 | 0.359 | 0.361 | 0.400 | 0.7% | < 30 | 89.7% | 90.3% | 50 150 | |
| Methiocarb | 0.010 | 0.373 | 0.331 | 0.400 | 12.2% | < 30 | 90.7% | 80.3% | 50 150 | |
| Methomyl | 0.000 | 0.747 | 0.760 | 0.800 | 1.7% | < 30 | 93.4% | 94.9% | 50 150 | |
| MGK 264 | 0.000 | 0.200 | 0.195 | 0.400 | 2.7% | < 30 | 50.0% | 48.7% | 50 150 | Q |
| Myclobutanil | 0.000 | 0.356 | 0.357 | 0.400 | 0.1% | < 30 | 89.1% | 89.2% | 50 150 | |
| Naled | 0.000 | 0.778 | 0.772 | 1.000 | 0.7% | < 30 | 77.8% | 77.2% | 50 150 | |
| Oxamyl | 0.000 | 1.877 | 1.931 | 2.000 | 2.9% | < 30 | 93.8% | 96.5% | 50 150 | |
| Paclobutrazol | 0.000 | 0.677 | 0.704 | 0.800 | 3.9% | < 30 | 84.6% | 88.0% | 50 150 | |
| Parathion Methyl | 0.004 | 0.701 | 0.720 | 0.800 | 2.8% | < 30 | 87.1% | 89.6% | 30 150 | |
| Permethrin | 0.000 | 0.359 | 0.400 | 0.400 | 10.8% | < 30 | 89.8% | 100.0% | 50 150 | |
| Phosmet | 0.000 | 0.391 | 0.362 | 0.400 | 7.7% | < 30 | 97.7% | 90.5% | 50 150 | |
| Piperonyl butoxide | 0.000 | 1.958 | 1.952 | 2.000 | 0.3% | < 30 | 97.9% | 97.6% | 50 150 | |
| Prallethrin | 0.051 | 0.251 | 0.239 | 0.400 | 5.9% | < 30 | 49.9% | 47.0% | 50 150 | Q |
| Propiconazole | 0.000 | 0.715 | 0.704 | 0.800 | 1.5% | < 30 | 89.4% | 88.0% | 50 150 | |
| Propoxur | 0.000 | 0.356 | 0.351 | 0.400 | 1.5% | < 30 | 89.0% | 87.6% | 50 150 | |
| Pyrethrins | 0.002 | 0.434 | 0.455 | 0.413 | 4.9% | < 30 | 104.6% | 109.8% | 50 150 | |
| Pyridaben | 0.000 | 0.295 | 0.293 | 0.400 | 0.7% | < 30 | 73.8% | 73.3% | 50 150 | |
| Spinosad | 0.000 | 0.349 | 0.339 | 0.388 | 2.7% | < 30 | 89.9% | 87.5% | 50 150 | |
| Spiromesifen | 0.000 | 0.365 | 0.333 | 0.400 | 9.2% | < 30 | 91.2% | 83.1% | 50 150 | |
| Spirotetramat | 0.000 | 0.400 | 0.396 | 0.400 | 1.1% | < 30 | 100.1% | 99.0% | 50 150 | |
| Spiroxamine | 0.000 | 0.731 | 0.718 | 0.800 | 1.8% | < 30 | 91.4% | 89.8% | 50 150 | |
| ebuconazol | 0.000 | 0.676 | 0.671 | 0.800 | 0.8% | < 30 | 84.5% | 83.8% | 50 150 | |
| hiacloprid | 0.000 | 0.361 | 0.356 | 0.400 | 1.4% | < 30 | 90.3% | 89.0% | 50 150 | |
| hiamethoxam | 0.000 | 0.362 | 0.387 | 0.400 | 6.7% | < 30 | 90.5% | 96.8% | 50 150 | |
| rifloxystrobin | 0.003 | 0.357 | 0.350 | 0.400 | 1.9% | < 30 | 88.5% | 86.8% | 50 150 | |



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Report Number: 22-001129/D004.R000
Report Date: 02/09/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

Revision Document ID
Legacy ID Effective

Laboratory Quality Control Results

| Residual Solvents | | Batch ID: | | | | | | | | | |
|------------------------|--------|-----------|---------------------------|--------|-------|-------|-------|--------|-------|---|--|
| Method Blank | | | Laboratory Control Sample | | | | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes | | |
| Propane | ND | 200 | | | 0 | µg/g | 0 | 0 | 0 | | |
| Isobutane | ND | 200 | | 5.3 | 98 | µg/g | 09.0 | 0 | 0 | | |
| Butane | ND | 200 | | 550 | 93 | µg/g | 6 | 0 | 0 | | |
| 2,2-Dimethylpropane | ND | 200 | | 5 | 628 | µg/g | 3.9 | 0 | 0 | | |
| Methanol | ND | 200 | | 80 | 6 | µg/g | 0.6 | 0 | 0 | | |
| Ethylene Oxide | ND | 30 | | 2 | 3.2 | µg/g | 8.8 | 0 | 0 | | |
| 2-Methylbutane | ND | 200 | | 8.0 | 630 | µg/g | 0 | 0 | 0 | | |
| Pentane | ND | 200 | | 9.0 | 6 | µg/g | 8.6 | 0 | 0 | | |
| Ethanol | ND | 200 | | 0 | 630 | µg/g | 06 | 0 | 0 | | |
| Ethyl Ether | ND | 200 | | 830 | 6 | µg/g | 3 | 0 | 0 | | |
| 2,2-Dimethylbutane | ND | 30 | | 2.4 | 65 | µg/g | 30.9 | 0 | 0 | Q | |
| Acetone | ND | 200 | | 9.0 | 6 | µg/g | 8.6 | 0 | 0 | | |
| 2-Propanol | ND | 200 | | 2000 | 6 | µg/g | 2.2 | 0 | 0 | | |
| Ethyl Formate | ND | 500 | | 960 | 620 | µg/g | 2.0 | 0 | 0 | | |
| Acetonitrile | ND | 00 | | 9 | 98 | µg/g | 0 | 0 | 0 | Q | |
| Methyl Acetate | ND | 500 | | 9.0 | 8 | µg/g | 08.8 | 0 | 0 | | |
| 2,3-Dimethylbutane | ND | 30 | | 2.5 | 62 | µg/g | 32 | 0 | 0 | Q | |
| Dichloromethane | ND | 60 | | 622 | 98 | µg/g | 2.9 | 0 | 0 | | |
| 2-Methylpentane | ND | 30 | | 2.8 | 6 | µg/g | 30.5 | 0 | 0 | Q | |
| M. BE | ND | 500 | | 900 | 6 | µg/g | 8.0 | 0 | 0 | | |
| 3-Methylpentane | ND | 30 | | 222 | 9 | µg/g | 2.0 | 0 | 0 | | |
| Hexane | ND | 30 | | 2.0 | 6 | µg/g | 28.0 | 0 | 0 | | |
| Propanol | ND | 500 | | 660 | 620 | µg/g | 02.5 | 0 | 0 | | |
| Methyl ethyl ketone | ND | 500 | | 8.0 | 0 | µg/g | 0 | 0 | 0 | | |
| Ethyl acetate | ND | 200 | | 820 | 620 | µg/g | 2.3 | 0 | 0 | | |
| 2-Butanol | ND | 200 | | 800 | 600 | µg/g | 2.5 | 0 | 0 | | |
| tetrahydrofuran | ND | 00 | | 608 | 500 | µg/g | 2.6 | 0 | 0 | | |
| Cyclohexane | ND | 200 | | 9.0 | 6 | µg/g | 22 | 0 | 0 | | |
| 2-methyl propanol | ND | 500 | | 2050 | 6 | µg/g | 2.3 | 0 | 0 | | |
| Benzene | ND | | | 6.98 | 5.62 | µg/g | 2.2 | 0 | 0 | | |
| Isopropyl Acetate | ND | 200 | | 9.0 | 6 | µg/g | 22 | 0 | 0 | | |
| Heptane | ND | 200 | | 20.0 | 6 | µg/g | 26 | 0 | 0 | | |
| Butanol | ND | 500 | | 2050 | 620 | µg/g | 26.5 | 0 | 0 | | |
| Propyl Acetate | ND | 500 | | 20.0 | 620 | µg/g | 2.8 | 0 | 0 | | |
| Dioxane | ND | 00 | | 606 | 502 | µg/g | 20 | 0 | 0 | | |
| 2-Ethoxyethanol | ND | 30 | | 202 | 6 | µg/g | 23.2 | 0 | 0 | | |
| Methyl isobutyl ketone | ND | 500 | | 20.0 | 620 | µg/g | 2.8 | 0 | 0 | | |
| 3-Methyl butanol | ND | 500 | | 20.0 | 620 | µg/g | 2 | 0 | 0 | | |
| Ethylene Glycol | ND | 200 | | 5 | 502 | µg/g | 9.0 | 0 | 0 | | |
| o-cresol | ND | 200 | | 55 | 88 | µg/g | 3.5 | 0 | 0 | | |
| Isobutyl Acetate | ND | 500 | | 2020 | 00 | µg/g | 8.8 | 0 | 0 | | |
| Pentanol | ND | 500 | | 20.0 | 630 | µg/g | 23.3 | 0 | 0 | | |
| Butyl Acetate | ND | 500 | | 2050 | 660 | µg/g | 23.5 | 0 | 0 | | |
| Ethyl benzene | ND | 200 | | 020 | 65 | µg/g | 05 | 0 | 0 | | |
| m,p-Xylene | ND | 200 | | 020 | 990 | µg/g | 03.0 | 0 | 0 | | |
| o-Xylene | ND | 200 | | 958 | 9 | µg/g | 98 | 0 | 0 | | |
| Cumene | ND | 30 | | 80 | 9 | µg/g | 00.6 | 0 | 0 | | |
| Anisole | ND | 500 | | 8.0 | 650 | µg/g | 5 | 0 | 0 | | |
| DMSO | ND | 500 | | 20.0 | 630 | µg/g | 2.0 | 0 | 0 | | |
| 2,2-dimethoxyethane | ND | 50 | | 222 | 83 | µg/g | 2.3 | 0 | 0 | | |
| diethylamine | ND | 500 | | 2090 | 620 | µg/g | 29.0 | 0 | 0 | | |
| N,N-dimethylformamide | ND | 50 | | 60 | 95 | µg/g | 2 | 0 | 0 | | |
| N,N-dimethylacetamide | ND | 50 | | 63 | 502 | µg/g | 25 | 0 | 0 | | |
| Pyridine | ND | 50 | | 230 | 86 | µg/g | 23 | 0 | 0 | | |
| 2-Dichloroethane | ND | | | 22 | | µg/g | 22.0 | 0 | 0 | | |
| Chloroform | ND | | | 2 | | µg/g | 20.0 | 0 | 0 | | |
| trichloroethylene | ND | | | 6 | | µg/g | 6.0 | 0 | 0 | | |



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Legacy ID Effective

| QC Sample Duplicate | | Sample ID: 22 001016 0003 | | | | | | |
|------------------------|--------|---------------------------|-----|-------|-----|--------|-------------|-------|
| 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 | 00 | 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 | |
| Methyl Ethyl Ketone | 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 | |
| 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 | 00 | µg/g | 0.0 | 20 | Acceptable | |
| Cyclohexane | ND | ND | 200 | µg/g | 0.0 | 20 | Acceptable | |
| 2 methyl propanol | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Benzene | ND | ND | 10 | 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 | |
| Butanol | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Propyl Acetate | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Dioxane | ND | ND | 00 | µg/g | 0.0 | 20 | Acceptable | |
| 2 Ethoxyethanol | ND | ND | 30 | µg/g | 0.0 | 20 | Acceptable | |
| Methyl isobutyl ketone | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| 3 Methyl butanol | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Ethylene Glycol | ND | ND | 200 | µg/g | 0.0 | 20 | Acceptable | |
| o-xylene | ND | ND | 200 | µg/g | 0.0 | 20 | Acceptable | |
| Isobutyl Acetate | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Pentanol | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Butyl Acetate | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| Ethyl benzene | 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 | |
| 2,4 dimethoxyethane | ND | ND | 50 | µg/g | 0.0 | 20 | Acceptable | |
| Diethylamine | ND | ND | 500 | µg/g | 0.0 | 20 | Acceptable | |
| N,N dimethylformamide | ND | ND | 50 | µg/g | 0.0 | 20 | Acceptable | |
| N,N dimethylacetamide | ND | ND | 50 | µg/g | 0.0 | 20 | Acceptable | |
| Pyridine | ND | ND | 50 | µg/g | 0.0 | 20 | Acceptable | |
| 2 Dichloroethane | ND | ND | 10 | µg/g | 0.0 | 20 | Acceptable | |
| Chloroform | ND | ND | 10 | µg/g | 0.0 | 20 | Acceptable | |
| 1,1-dichloroethylene | ND | ND | 10 | µg/g | 0.0 | 20 | Acceptable | |

Abbreviations

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

Units of Measure:

µg/g Microgram per gram or ppm



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Legacy ID: CFL-E57Worksheet Validated 11/04/2020

Terpenes Quality Control Results

Method Reference: EP/6035 Batch D: 2201133

| Analyte | Method Blank | | | Laboratory Control Sample | | | | | |
|---------------------|--------------|-------|-------|---------------------------|-----|-------|-----------|----------|-------|
| | Result | LOQ | Notes | Result | LCS | Units | LCS % Rec | Limits | Notes |
| a-pinene | <LOQ | < 200 | | 493 | 500 | µg/g | 99% | 70 - 130 | |
| Camphene | <LOQ | < 200 | | 509 | 500 | µg/g | 102% | 70 - 130 | |
| Sabinene | <LOQ | < 200 | | 539 | 500 | µg/g | 108% | 70 - 130 | |
| b-Pinene | <LOQ | < 200 | | 537 | 500 | µg/g | 107% | 70 - 130 | |
| b-Myrcene | <LOQ | < 200 | | 490 | 500 | µg/g | 98% | 70 - 130 | |
| a-phellandrene | <LOQ | < 200 | | 482 | 500 | µg/g | 96% | 70 - 130 | |
| d-3-Caene | <LOQ | < 200 | | 501 | 500 | µg/g | 100% | 70 - 130 | |
| a-Terpinene | <LOQ | < 200 | | 502 | 500 | µg/g | 100% | 70 - 130 | |
| p-Cymene | <LOQ | < 200 | | 465 | 500 | µg/g | 93% | 70 - 130 | |
| D-Limonene | <LOQ | < 200 | | 518 | 500 | µg/g | 104% | 70 - 130 | |
| Eucalyptol | <LOQ | < 200 | | 489 | 500 | µg/g | 98% | 70 - 130 | |
| b-α-Cimene | <LOQ | < 67 | | 140 | 167 | µg/g | 84% | 70 - 130 | |
| b-trans-Cimene | <LOQ | < 133 | | 309 | 333 | µg/g | 93% | 70 - 130 | |
| γ-Terpinene | <LOQ | < 200 | | 518 | 500 | µg/g | 104% | 70 - 130 | |
| Sabinene Hydrate | <LOQ | < 200 | | 493 | 500 | µg/g | 99% | 70 - 130 | |
| Terpinolene | <LOQ | < 200 | | 490 | 500 | µg/g | 98% | 70 - 130 | |
| D-Fenchone | <LOQ | < 200 | | 526 | 500 | µg/g | 105% | 70 - 130 | |
| Linalool | <LOQ | < 200 | | 451 | 500 | µg/g | 90% | 70 - 130 | |
| Fenchol | <LOQ | < 200 | | 489 | 500 | µg/g | 98% | 70 - 130 | |
| Camphor | <LOQ | < 200 | | 470 | 500 | µg/g | 94% | 70 - 130 | |
| Isopuleg | <LOQ | < 200 | | 510 | 500 | µg/g | 102% | 70 - 130 | |
| Isborneol | <LOQ | < 200 | | 493 | 500 | µg/g | 99% | 70 - 130 | |
| Borneol | <LOQ | < 200 | | 493 | 500 | µg/g | 99% | 70 - 130 | |
| DL-Menthol | <LOQ | < 200 | | 485 | 500 | µg/g | 97% | 70 - 130 | |
| Terpineol | <LOQ | < 200 | | 422 | 500 | µg/g | 84% | 70 - 130 | |
| Nerol | <LOQ | < 200 | | 421 | 500 | µg/g | 84% | 70 - 130 | |
| Pulegone | <LOQ | < 200 | | 479 | 500 | µg/g | 96% | 70 - 130 | |
| Geraniol | <LOQ | < 200 | | 447 | 500 | µg/g | 89% | 70 - 130 | |
| Geranyl Acetate | <LOQ | < 200 | | 456 | 500 | µg/g | 91% | 70 - 130 | |
| α-Cedrene | <LOQ | < 200 | | 490 | 500 | µg/g | 98% | 70 - 130 | |
| b-Caryophyllene | <LOQ | < 200 | | 503 | 500 | µg/g | 101% | 70 - 130 | |
| α-Humulene | <LOQ | < 200 | | 496 | 500 | µg/g | 99% | 70 - 130 | |
| Valenene | <LOQ | < 200 | | 509 | 500 | µg/g | 102% | 70 - 130 | |
| cis-Nerolidol | <LOQ | < 200 | | 492 | 500 | µg/g | 98% | 70 - 130 | |
| α-Farnesene | <LOQ | < 200 | | 508 | 500 | µg/g | 102% | 70 - 130 | |
| trans-Nerolidol | <LOQ | < 200 | | 500 | 500 | µg/g | 100% | 70 - 130 | |
| Caryophyllene Oxide | <LOQ | < 200 | | 524 | 500 | µg/g | 105% | 70 - 130 | |
| Guaiol | <LOQ | < 200 | | 496 | 500 | µg/g | 99% | 70 - 130 | |
| Cedrol | <LOQ | < 200 | | 478 | 500 | µg/g | 96% | 70 - 130 | |
| α-Bisabolol | <LOQ | < 200 | | 499 | 500 | µg/g | 100% | 70 - 130 | |

Definitions

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



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Terpenes Quality Control Results

| Method Reference: EPA5035 | | Batch D: 2201133 | | | | | |
|---------------------------|--------|--------------------------|------|-------|-------|-------|-------|
| Sample/Sample Duplicate | | Sample D: 22-001129-0002 | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | % RPD | LIMIT | Notes |
| a-pinene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Camphene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Sabinene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| b-Pinene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| b-Myrcene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| a-phellandrene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| d-3-Caene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| a-Terpinene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| p-Cymene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| D-Limonene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Eucalyptol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| b-cis-OCimene | <LOQ | <LOQ | 63.2 | µg/g | 0% | < 20 | |
| b-trans-OCimene | <LOQ | <LOQ | 126 | µg/g | 0% | < 20 | |
| g-Terpinene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Sabinene Hydrate | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Terpinolene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| D-Fenchone | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Linalool | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Fenchol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Camphor | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Isopuleg | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Isborneol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Borneol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| DL-Menthol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Terpineol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Nerol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Rulegone | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Geraniol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Geranyl_Acetate | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| a-Cedrene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| b-Caryophyllene | 396 | 398 | 190 | µg/g | 1% | < 20 | |
| a-Humulene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Valenene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| cis-Nerolidol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| a-Farnesene | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| trans-Nerolidol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Caryophyllene_Oxide | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Guaiol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| Cedrol | <LOQ | <LOQ | 190 | µg/g | 0% | < 20 | |
| a-Bisabolol | 216 | 206 | 190 | µg/g | 5% | < 20 | |

Definitions

RPD Relative Percent Difference



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Report Number: 22-001129/D004.R000
Report Date: 02/09/2022
ORELAP#: OR100028
Purchase Order:
Received: 01/31/22 16:24

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. |