Report: COA Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147

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For OLCC/OHA Compliance Purposes.

Product Description

Client: SoFresh Farms

Product Name: Harley Tsu-GHR4

Harvest Lot: Strain: Harliquin Tsunami

Matrix: Cannabis Plant

Metrc Source ID: 1A4010300001E17000006980

Metrc Package ID: 1A4010300001E17000006977

License Number: n/a

 Report ID:
 A1349-11

 Date Collected:
 2020-03-19

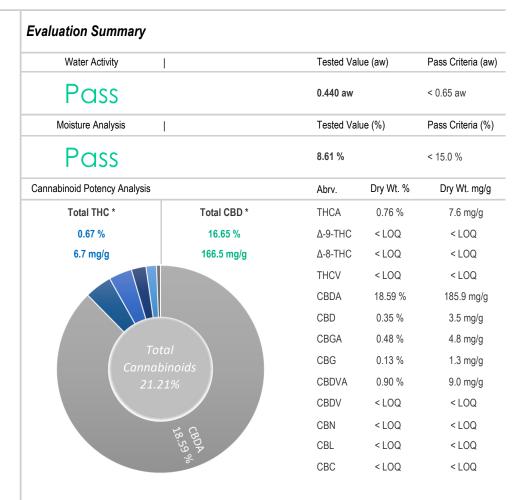
 Date Received:
 2020-03-19

 Report Date:
 2020-03-23

Tests Requested: Water Activity

Moisture Analysis

Cannabinoid Potency Analysis



Report: Case Narrative

OLCC License No. 10087092BDA | ORELAP ID. 4147

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For OLCC/OHA Compliance Purposes.

This certificate of analysis is prepared for...

SoFresh Farms 27135 S Gribble Rd. Canby, OR 97103

This report presents the analytical findings for the sample collected on 2020-03-19 by Dan Hanshaw using sampling plan A1349 and received by PREE Laboratory on 2020-03-19. The sample was assigned a laboratory ID of A1349-11. The results in this report only apply to sample A1349-11.

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All analyses were performed in accordance with PREE Laboratory's NELAP/TNI approved quality control system and all quality control data was within the laboratory's predefined acceptance criteria unless otherwise noted in the case narrative of this report. General comments are also recorded below.

Notes:

No special conditions were noted during the processing and testing of the sample.

Tenzil Soula

Sardar, Tamzid M. | Laboratory Director Corvallis, Oregon



If you have any questions regarding the information in this report, please feel free to call 541-257-5002 or email PREE at services@preelab.com.

Report: Evaluation Detail

OLCC License No. 10087092BDA | ORELAP ID. 4147

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| | <i>'</i> | Evaluation Detail | | | | | | |
|--|---|--|---|---|---|--|---|---|
| Product Name: | Harley Tsu-GHR4 | Water Activity | ı | Tested Value F | Pass Criteria (aw) | LOQ (aw) | Status Pass/Unsatis | |
| Analysis Date: | 2020-03-20 | | | 0.440 aw | < 0.65 aw | 0.001 aw | Pass | |
| Testing Batch ID: | V554 | | | | | | | |
| Testing Method: | LSOP #302, Water Activity | | | | | | | |
| Moisture Anai | lysis | Evaluation Detail | | | | | | |
| Product Name: | Harley Tsu-GHR4 | Moisture Analysis | ı | Tested Value (Moisture %) | Pass Criteria (%) | LOQ (%) | Status Pass/Unsatis | |
| Analysis Date: | 2020-03-20 | | | 8.61 % | < 15.0 % | 0.01 % | Pass | |
| Testing Batch ID: | V554 | | | | | | | |
| Testing Method: | LSOP #301 Moisture Analysis | | | | | | | |
| Cannahinaid | | | | | | | | |
| Cannabinoid | Potency Analysis | Evaluation Detail | | | | | | |
| | Potency Analysis Harley Tsu-GHR4 | Evaluation Detail Cannabinoid Potency Analysis | ı | Compound | Abrv. | Dry Wt. (%) | Dry Wt. (mg/g) | RL (%) |
| Product Name: | | | 1 | Compound Tetrahydro-cannabinolic acid | | | | |
| Product Name: Analysis Date: | Harley Tsu-GHR4 2020-03-20 | Cannabinoid Potency Analysis | | Tetrahydro-cannabinolic acic | H THCA DI Δ-9-THC | (%) | (mg/g) | (%) |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * | | Tetrahydro-cannabinolic acic Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino | d THCA bl Δ-9-THC bl Δ-8-THC | 0.76 % < LOQ < LOQ | 7.6 < LOQ < LOQ | 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin | H THCA DI Δ-9-THC DI Δ-8-THC THCV | (%) 0.76 % < LOQ < LOQ < LOQ | 7.6 < LOQ < LOQ < LOQ | 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid | d THCA bl Δ-9-THC bl Δ-8-THC THCV CBDA | (%) 0.76 % < LOQ < LOQ < LOQ 18.59 % | (mg/g) 7.6 < LOQ < LOQ < LOQ 185.9 | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * 16.65 % | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid Cannabidiol | d THCA ol Δ-9-THC ol Δ-8-THC THCV CBDA CBD | (%) 0.76 % < LOQ < LOQ < LOQ 18.59 % 0.35 % | 7.6 < LOQ < LOQ < LOQ < LOQ 3.5 | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid Cannabidiol Cannabidivarinic Acid | DI THCA DI Δ-9-THC DI Δ-8-THC THCV CBDA CBD CBGA | (%) 0.76 % < LOQ < LOQ 18.59 % 0.35 % 0.48 % | (mg/g) 7.6 < LOQ < LOQ < LOQ 185.9 3.5 4.8 | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * 16.65 % | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid Cannabidiol Cannabidivarinic Acid Cannabidivarin | d THCA bl Δ-9-THC thCV CBDA CBD CBGA CBG | 0.76 % < LOQ < LOQ 18.59 % 0.35 % 0.48 % 0.13 % | 7.6 < LOQ < LOQ < LOQ 185.9 3.5 4.8 1.3 | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * 16.65 % | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid Cannabidiol Cannabidivarinic Acid | DI THCA DI Δ-9-THC DI Δ-8-THC THCV CBDA CBD CBGA | (%) 0.76 % < LOQ < LOQ 18.59 % 0.35 % 0.48 % 0.13 % 0.90 % | (mg/g) 7.6 < LOQ < LOQ < LOQ 185.9 3.5 4.8 1.3 9.0 | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * 16.65 % | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid Cannabidiol Cannabidivarinic Acid Cannabidivarin Cannabidivarin Cannabidivarin | H THCA DI Δ-9-THC DI Δ-8-THC THCV CBDA CBD CBGA CBG CBGVA | 0.76 % < LOQ < LOQ 18.59 % 0.35 % 0.48 % 0.13 % | 7.6 < LOQ < LOQ < LOQ 185.9 3.5 4.8 1.3 | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |
| Product Name: Analysis Date: Testing Batch ID: | Harley Tsu-GHR4 2020-03-20 V554,553,551 | Cannabinoid Potency Analysis Total THC * 0.67 % 6.7 mg/g Total CBD * 16.65 % | | Tetrahydro-cannabinolic acid Delta9 Tetrahydro-cannabino Delta8 Tetrahydro-cannabino Tetrahydrocannabivarin Cannabidiolic acid Cannabidiol Cannabidivarinic Acid Cannabidivarin Cannabidivarin Cannabigerolic acid Cannabigerol | d THCA bl Δ-9-THC THCV CBDA CBD CBGA CBG CBDVA CBDV | (%) 0.76 % < LOQ < LOQ 18.59 % 0.48 % 0.13 % 0.90 % < LOQ | 7.6 < LOQ < LOQ < LOQ 185.9 3.5 4.8 1.3 9.0 < LOQ | 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % 0.1 % |

* moisture compensated & adjusted for the loss of carboxylic acid group - OAR 333-064-0100



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| • | 2020-03-20 | | | | | | | |
|-------------------|---------------------------|------------------------------|---|----|-----|------------------------|-------------------|------------------|
| esting Batch ID: | | Water Activity Analysis | I | MB | LCS | Expected Value (aw) | Tested Value (aw) | Pass Criteria |
| - Soung Baton 13. | V554 | | | 0 | | 1.0000 | 1.0006 | aw ± 0.010 |
| | | | | | • | 0.5289 | 0.5337 | aw ± 0.010 |
| loisture Analy | /sis | Quality Control Detail | | | | | | |
| nalysis Date: | 2020-03-20 | Moisture Analysis | I | МВ | LCS | Expected Value (%) | Tested Value (%) | Pass Criteria |
| esting Batch ID: | V554 | | | 0 | | 0.0% | 1.0% | ± 2.5% |
| July Daton ID. | V001 | | | | • | 100.0% | 100.0% | ± 2.5% |
| annabinoid P | otency Analysis | Quality Control Detail | | | | | | |
| nalysis Date: | 2020-03-20 | Cannabinoid Potency Analysis | I | MB | LCS | Expected Value (%) | Tested Value (%) | Pass Criteria |
| Testing Batch ID: | V554 553 551 | Tetrahydro-cannabinolic acid | | 0 | | < 0.1% | < 0.1% | < 0.1% |
| | V00 4 ,000,001 | Delta9 Tetrahydro-cannabinol | | 0 | | < 0.1% | < 0.1% | < 0.1% |
| | | Cannabidiolic acid | | 0 | | < 0.1% | < 0.1% | < 0.1% |
| | | Cannabidiol | | 0 | | < 0.1% | < 0.1% | < 0.1% |
| | | Cannabinol | | 0 | | < 0.1% | < 0.1% | < 0.1% |
| | | Tetrahydro-cannabinolic acid | | | • | 100.0% | 95.2% | 80%-120% |
| | | Delta9 Tetrahydro-cannabinol | | | • | 100.0% | 105.8% | 80%-120% |
| | | Cannabidiolic acid | | | • | 100.0% | 98.8% | 80%-120% |
| | | Cannabidiol | | | • | 100.0% | 97.6% | 80%-120% |
| | | Cannabinol | | | • | 100.0% | 99.1% | 80%-120% |

Report: Definition

OLCC License No. 10087092BDA | ORELAP ID. 4147

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Definitions

- Limit of Quantitation (LOQ): The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB): A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS): A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate: A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit: Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm: parts per million, equivalent to 1 μg/g and 1 μg/L or 0.001 mg/g and 0.001 mg/L
- COA: Certificate of Analysis.

Calculations

Cannabinoid Potency: Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100

Total THC% = (%THCA) x 0.877 + (%THC) Total CBD% = (%CBDA) x 0.877 + (%CBD)

Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]

Percentage Recovery:
 % Rec. = [(Amount measured) / (Known amount)] * 100

Report: COA Evaluation Summary

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For OLCC/OHA Compliance Purposes.

Product Description

Client: SoFresh Farms

Product Name: Composite of (03,04,05,11)

Harvest Lot: Multiple

Matrix: Cannabis Plant

Metrc Source ID: 1A4010300001E17000006999, + 3 more

Metrc Package ID: 1A4010300001E17000006970, 1A4010300

License Number: n/a

 Report ID:
 A1349-14

 Date Collected:
 2020-03-19

 Date Received:
 2020-03-19

 Report Date:
 2020-03-27

Tests Requested: Pesticide Analysis

Evaluation Summary

Pesticide Analysis | Pesticide Status

Pass

No Pesticides Were Detected above Oregon's action limit as stated

in OAR 333-007-0400.

Report: Case Narrative

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For OLCC/OHA Compliance Purposes.

This certificate of analysis is prepared for...

SoFresh Farms 27135 S Gribble Rd. Canby, OR 97103

This report presents the analytical findings for the sample collected on 2020-03-19 by Dan Hanshaw using sampling plan A1349 and received by PREE Laboratory on 2020-03-19. The sample was assigned a laboratory ID of A1349-14. The results in this report only apply to sample A1349-14.

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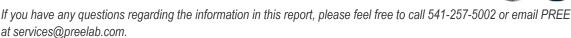
Notes:

No special conditions were noted during the processing and testing of the sample.

Tenzil Soula

Sardar, Tamzid M. | Laboratory Director Corvallis, Oregon





Report: Evaluation Detail

OLCC License No. 10087092BDA | ORELAP ID. 4147

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|----|-----|-----|------------|-----|-----|------|
| re | ่วแ | CIU | | HII | aıy | /sis |

Product Name: Composite of (03,04,05,11)

LCMS

Analysis Date: 2020-03-24

Testing Batch ID: V555,554

Testing Method: LSOP #307 Pesticides by LCMS

GCMS

Analysis Date: 2020-03-24

Testing Batch ID: V555,554

Testing Method: LSOP #305 Pesticides by GCMS

| | Eval | luation | Detail |
|--|------|---------|--------|
|--|------|---------|--------|

| Pesticide Name | | Tested Value (ppm) | Pass Criteria (ppm) | LOQ (ppm) | Status Pass/Unsatisfactor | |
|---------------------|--|---|------------------------|--------------|------------------------------|--|
| Abamectin B1a | | <loq< td=""><td>0.50</td><td>0.20</td><td>Pass</td></loq<> | 0.50 | 0.20 | Pass | |
| Acephate | | < LOQ | 0.40 | 0.20 | Pass | |
| Acequinocyl | | < LOQ | 2.00 | 0.20 | Pass | |
| Acetamiprid | | < LOQ | 0.20 | 0.20 | Pass | |
| Aldicarb | | < LOQ | 0.40 | 0.20 | Pass | |
| Azoxystrobin | | < LOQ | 0.20 | 0.20 | Pass | |
| Bifenazate | | < LOQ | 0.20 | 0.20 | Pass | |
| Bifenthrin | | < LOQ | 0.20 | 0.20 | Pass | |
| Boscalid | | < LOQ | 0.40 | 0.20 | Pass | |
| Carbaryl | | < LOQ | 0.20 | 0.20 | Pass | |
| Carbofuran | | < LOQ | 0.20 | 0.20 | Pass | |
| Chlorantraniliprole | | < LOQ | 0.20 | 0.20 | Pass | |
| Chlorfenapyr*** | | < LOQ | 1.00 | 0.10 | Pass | |
| Chlorpyrifos | | < LOQ | 0.20 | 0.20 | Pass | |
| Clofentezine | | < LOQ | 0.20 | 0.20 | Pass | |
| Cyfluthrin*** | | < LOQ | 1.00 | 1.00 | Pass | |
| Cypermethrin*** | | < LOQ | 1.00 | 1.00 | Pass | |
| Daminozide | | < LOQ | 1.00 | 0.20 | Pass | |
| Diazinon | | < LOQ | 0.20 | 0.20 | Pass | |
| Dichlorvos | | < LOQ | 1.00 | 0.20 | Pass | |
| Dimethoate | | < LOQ | 0.20 | 0.20 | Pass | |
| Ethoprophos | | < LOQ | 0.20 | 0.20 | Pass | |
| Etofenprox | | < LOQ | 0.40 | 0.20 | Pass | |
| Etoxazole | | <l0q< td=""><td>0.20</td><td>0.20</td><td>Pass</td></l0q<> | 0.20 | 0.20 | Pass | |
| Fenoxycarb | | <l0q< td=""><td>0.20</td><td>0.20</td><td>Pass</td></l0q<> | 0.20 | 0.20 | Pass | |
| Fenpyroximate | | < L0Q | 0.40 | 0.20 | Pass | |
| Fipronil*** | | <loq< td=""><td>0.40</td><td>0.10</td><td>Pass</td></loq<> | 0.40 | 0.10 | Pass | |
| Flonicamid | | <loq< td=""><td>1.00</td><td>0.20</td><td>Pass</td></loq<> | 1.00 | 0.20 | Pass | |
| Fludioxonil*** | | <loq< td=""><td>0.40</td><td>0.20</td><td>Pass</td></loq<> | 0.40 | 0.20 | Pass | |
| Hexythiazox | | <loq <loq< td=""><td>1.00</td><td>0.20</td><td>Pass</td></loq<></loq | 1.00 | 0.20 | Pass | |
| Imazalil | | <loq <loq< td=""><td>0.20</td><td>0.20</td><td>Pass</td></loq<></loq | 0.20 | 0.20 | Pass | |
| Imidacloprid | | < LOQ | 0.40 | 0.20 | Pass | |
| ппаасторна | | - 104 | 0.40 | 0.20 | 1 033 | |

Report: Evaluation Detail

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For OLCC/OHA Compliance Purposes.

Pesticide Analysis

Evaluation Detail

| Pesticide Name | Tested Value (ppm) | Pass Criteria (ppm) | LOQ (ppm) | Status Pass/Unsatisfactory |
|------------------------|--------------------|------------------------|--------------|-------------------------------|
| Malathion | < LOQ | 0.20 | 0.20 | Pass |
| Metalaxyl | < LOQ | 0.20 | 0.20 | Pass |
| Methiocarb | < LOQ | 0.20 | 0.20 | Pass |
| Methomyl | < LOQ | 0.40 | 0.20 | Pass |
| MGK-264 | < LOQ | 0.20 | 0.20 | Pass |
| Myclobutanil | < LOQ | 0.20 | 0.20 | Pass |
| Naled | < LOQ | 0.50 | 0.20 | Pass |
| Oxamyl | < LOQ | 1.00 | 0.20 | Pass |
| Paclobutrazol | < LOQ | 0.40 | 0.20 | Pass |
| Parathion-methyl*** | < LOQ | 0.20 | 0.10 | Pass |
| Permethrin, cis-trans | < LOQ | 0.20 | 0.20 | Pass |
| Phosmet | < LOQ | 0.20 | 0.20 | Pass |
| Piperonyl butoxide | < LOQ | 2.00 | 0.20 | Pass |
| Prallethrin | < LOQ | 0.20 | 0.20 | Pass |
| Propiconazole*** | < LOQ | 0.40 | 0.20 | Pass |
| Propoxur | < LOQ | 0.20 | 0.20 | Pass |
| Pyrethrins (3 isomers) | < LOQ | 1.00 | 0.20 | Pass |
| Pyridaben | < LOQ | 0.20 | 0.20 | Pass |
| Spinosad | < LOQ | 0.20 | 0.20 | Pass |
| Spiromesifen | < LOQ | 0.20 | 0.20 | Pass |
| Spirotetramat | < LOQ | 0.20 | 0.20 | Pass |
| Spiroxamine | < LOQ | 0.40 | 0.20 | Pass |
| Tebuconazole | < LOQ | 0.40 | 0.20 | Pass |
| Thiacloprid | < LOQ | 0.20 | 0.20 | Pass |
| Thiamethoxam | < LOQ | 0.20 | 0.20 | Pass |
| Trifloxystrobin | < LOQ | 0.20 | 0.20 | Pass |

^{***} Compounds were tested on GCMS. All others on LCMS.

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Pesticide Analysis

LCMS

Analysis Date: 2020-03-24

Testing Batch ID: V555,554

GCMS

Analysis Date: 2020-03-24

Testing Batch ID: V555,554

| Pesticide Name | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteria (ppm) |
|---------------------|----|-----|----------------------|--------------------|------------------------|
| Abamectin | 0 | | < 0.25 | < 0.25 | < 0.25 |
| Acephate | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Acequinocyl | 0 | | < 1 | <1 | < 1 |
| Acetamiprid | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Aldicarb | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Azoxystrobin | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Bifenazate | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Bifenthrin | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Boscalid | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Carbaryl | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Carbofuran | O | | < 0.1 | < 0.1 | < 0.1 |
| Chlorantraniliprole | o | | < 0.1 | < 0.1 | < 0.1 |
| Chlorfenapyr*** | O | | < 0.5 | < 0.5 | < 0.5 |
| Chlorpyrifos | O | | < 0.1 | < 0.1 | < 0.1 |
| Clofentezine | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Cyfluthrin*** | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Cypermethrin*** | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Daminozide | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Diazinon | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Dichlorvos | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Dimethoate | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Ethoprophos | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Etofenprox | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Etoxazole | 0 | | < 0.1 | < 0.1 | < 0.1 |
| - enoxycarb | 0 | | < 0.1 | < 0.1 | < 0.1 |
| - enpyroximate | 0 | | < 0.2 | < 0.2 | < 0.2 |
| ipronil*** | 0 | | < 0.2 | < 0.2 | < 0.2 |
| · Flonicamid | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Fludioxonil*** | 0 | | < 0.2 | < 0.2 | < 0.2 |
| lexythiazox | 0 | | < 0.5 | < 0.5 | < 0.5 |
| mazalil | 0 | | < 0.1 | < 0.1 | < 0.1 |
| midacloprid | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Kresoxim-methyl | 0 | | < 0.2 | < 0.2 | < 0.2 |

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Pesticide Analysis

| Pesticide Name | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteri (ppm) |
|------------------------|----|-----|----------------------|--------------------|-----------------------|
| Malathion | 0 | | < 0.1 | < 0.1 | < 0.1 |
| /letalaxyl | 0 | | < 0.1 | < 0.1 | < 0.1 |
| /lethiocarb | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Methomyl | 0 | | < 0.2 | < 0.2 | < 0.2 |
| MGK-264 | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Myclobutanil | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Naled | 0 | | < 0.25 | < 0.25 | < 0.25 |
| Oxamyl | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Paclobutrazol | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Parathion-methyl*** | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Permethrin, cis-trans | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Phosmet | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Piperonyl butoxide | 0 | | <1 | < 1 | < 1 |
| Prallethrin | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Propiconazole*** | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Propoxur | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Pyrethrins (3 isomers) | 0 | | < 0.5 | < 0.5 | < 0.5 |
| Pyridaben | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Spinosad | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Spiromesifen | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Spirotetramat | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Spiroxamine | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Геbuconazole | 0 | | < 0.2 | < 0.2 | < 0.2 |
| Thiacloprid | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Thiamethoxam | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Trifloxystrobin | 0 | | < 0.1 | < 0.1 | < 0.1 |
| Abamectin | | • | 1.5 | 2.132 | 0.15 - 2.4 |
| cephate | | • | 1.5 | 1.178 | 0.15 - 2.4 |
| cequinocyl | | • | 1.5 | 1.823 | 0.15 - 2.4 |
| cetamiprid | | • | 1.5 | 1.742 | 0.15 - 2.4 |
| Aldicarb | | • | 1.5 | 1.212 | 0.15 - 2.4 |
| Azoxystrobin | | • | 1.5 | 1.725 | 0.15 - 2.4 |
| Bifenazate | | • | 1.5 | 1.703 | 0.15 - 2.4 |

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Pesticide Analysis

| Pesticide Name | 1 | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteri (ppm) |
|---------------------|---|----|-----|----------------------|--------------------|-----------------------|
| Bifenthrin | | | • | 1.5 | 1.753 | 0.15 - 2.4 |
| Boscalid | | | • | 1.5 | 1.608 | 0.15 - 2.4 |
| Carbaryl | | | • | 1.5 | 1.553 | 0.15 - 2.4 |
| Carbofuran | | | • | 1.5 | 1.524 | 0.15 - 2.4 |
| Chlorantraniliprole | | | • | 1.5 | 1.400 | 0.15 - 2.4 |
| Chlorfenapyr*** | | | • | 1.5 | 1.482 | 0.75 - 2.4 |
| Chlorpyrifos | | | • | 1.5 | 1.666 | 0.15 - 2.4 |
| Clofentezine | | | • | 1.5 | 1.683 | 0.15 - 2.4 |
| Cyfluthrin*** | | | • | 1.5 | 1.466 | 0.75 - 2.4 |
| Cypermethrin*** | | | • | 1.5 | 1.465 | 0.75 - 2.4 |
| Daminozide | | | • | 1.5 | 1.566 | 0.15 - 2.4 |
| Diazinon | | | • | 1.5 | 1.690 | 0.15 - 2.4 |
| Dichlorvos | | | • | 1.5 | 1.538 | 0.15 - 2.4 |
| Dimethoate | | | • | 1.5 | 1.620 | 0.15 - 2.4 |
| Ethoprophos | | | • | 1.5 | 1.476 | 0.15 - 2.4 |
| Etofenprox | | | • | 1.5 | 1.769 | 0.15 - 2.4 |
| Etoxazole | | | • | 1.5 | 1.733 | 0.15 - 2.4 |
| - enoxycarb | | | • | 1.5 | 1.715 | 0.15 - 2.4 |
| - enpyroximate | | | • | 1.5 | 1.767 | 0.15 - 2.4 |
| -ipronil*** | | | • | 1.5 | 1.471 | 0.75 - 2.4 |
| Flonicamid | | | • | 1.5 | 1.486 | 0.15 - 2.4 |
| Fludioxonil*** | | | • | 1.5 | 1.515 | 0.75 - 2.4 |
| Hexythiazox | | | • | 1.5 | 1.606 | 0.15 - 2.4 |
| mazalil | | | • | 1.5 | 1.519 | 0.15 - 2.4 |
| midacloprid | | | • | 1.5 | 1.729 | 0.15 - 2.4 |
| Kresoxim-methyl | | | • | 1.5 | 1.361 | 0.15 - 2.4 |
| Malathion | | | • | 1.5 | 1.706 | 0.15 - 2.4 |
| Metalaxyl | | | • | 1.5 | 1.676 | 0.15 - 2.4 |
| Methiocarb | | | • | 1.5 | 1.736 | 0.15 - 2.4 |
| Methomyl | | | • | 1.5 | 1.412 | 0.15 - 2.4 |
| MGK-264 | | | • | 1.5 | 1.664 | 0.15 - 2.4 |
| Myclobutanil | | | • | 1.5 | 1.694 | 0.15 - 2.4 |
| Naled | | | • | 1.5 | 1.489 | 0.15 - 2.4 |

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Pesticide Analysis

| Pesticide Name | I | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteria (ppm) |
|------------------------|---|----|-----|----------------------|--------------------|---------------------|
| Oxamyl | | | • | 1.5 | 1.581 | 0.15 - 2.4 |
| Paclobutrazol | | | • | 1.5 | 1.710 | 0.15 - 2.4 |
| Parathion-methyl*** | | | • | 1.5 | 1.459 | 0.75 - 2.4 |
| Permethrin, cis-trans | | | • | 1.5 | 1.511 | 0.15 - 2.4 |
| Phosmet | | | • | 1.5 | 1.487 | 0.15 - 2.4 |
| Piperonyl butoxide | | | • | 1.5 | 1.641 | 0.15 - 2.4 |
| Prallethrin | | | • | 1.5 | 1.800 | 0.15 - 2.4 |
| Propiconazole*** | | | • | 1.5 | 1.565 | 0.15 - 2.4 |
| Propoxur | | | • | 1.5 | 1.625 | 0.15 - 2.4 |
| Pyrethrins (3 isomers) | | | • | 1.5 | 1.548 | 0.15 - 2.4 |
| Pyridaben | | | • | 1.5 | 1.572 | 0.15 - 2.4 |
| Spinosad | | | • | 1.5 | 1.619 | 0.15 - 2.4 |
| Spiromesifen | | | • | 1.5 | 1.732 | 0.15 - 2.4 |
| Spirotetramat | | | • | 1.5 | 1.695 | 0.15 - 2.4 |
| Spiroxamine | | | • | 1.5 | 1.675 | 0.15 - 2.4 |
| Tebuconazole | | | • | 1.5 | 1.668 | 0.15 - 2.4 |
| Thiacloprid | | | • | 1.5 | 1.463 | 0.15 - 2.4 |
| Thiamethoxam | | | • | 1.5 | 1.704 | 0.15 - 2.4 |
| Trifloxystrobin | | | • | 1.5 | 1.674 | 0.15 - 2.4 |

^{***} Compounds were tested on GCMS. All others on LCMS.

Report: Definition

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Definitions

- Limit of Quantitation (LOQ): The minimum level, concentration, or quantity of a target analyte that can be reported with a specific degree of confidence.
- Method Blank (MB): A quality control sample that is free of the analyte being measured.
- Laboratory Control Sample (LCS): A quality control sample with a known amount of the analyte used to demonstrate accuracy.
- Field Duplicate: A second sample collected in the field using the same sampling method as the primary sample.
- Action Limit: Analyte levels set by the state of Oregon (OAR 333-007) indicating that follow-up action is necessary.
- ppm: parts per million, equivalent to 1 μg/g and 1 μg/L or 0.001 mg/g and 0.001 mg/L
- COA: Certificate of Analysis.

Calculations

Cannabinoid Potency: Wet WT% = (Exported concentration ppm) x (Dilution) x (Extraction Vol./Wet wt mg) x 100

Total THC% = (%THCA) x 0.877 + (%THC) Total CBD% = (%CBDA) x 0.877 + (%CBD)

Total THC (Dry WT)% = % total THC(wet) / [1-(% moisture/100)]
Total CBD (Dry WT)% = % total CBD(wet) / [1-(% moisture/100)]

Percentage Recovery:
 % Rec. = [(Amount measured) / (Known amount)] * 100