

Report: COA Evaluation Summary

OLCC License No. 10087092BDA | ORELAP ID. 4147

545 SW 2nd Street, Corvallis OR, 97333 | 541.257.5002 | services@preelab.com | Preelab.com

For OLCC/OHA Compliance Purposes.

Product Description

Client: **SoFresh Farms**

Product Name: **Sangria-GHR4**

Harvest Lot: Strain: Sangria

Matrix: Cannabis Plant

Metric Source ID: 1A4010300001E17000006999

Metric Package ID: 1A4010300001E17000006970

License Number: n/a

Report ID: A1349-03

Date Collected: 2020-03-19

Date Received: 2020-03-19

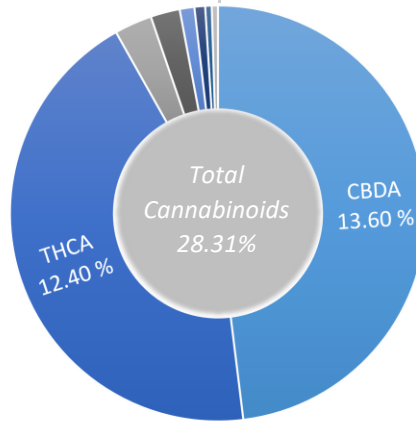
Report Date: 2020-03-23

Tests Requested: Water Activity
Moisture Analysis
Cannabinoid Potency Analysis

Evaluation Summary

| Water Activity | Tested Value (aw) | Pass Criteria (aw) |
|-------------------|-------------------|--------------------|
| Pass | 0.449 aw | < 0.65 aw |
| Moisture Analysis | Tested Value (%) | Pass Criteria (%) |
| Pass | 8.63 % | < 15.0 % |

| Cannabinoid Potency Analysis | | Abrv. | Dry Wt. % | Dry Wt. mg/g |
|------------------------------|-------------------|---------|-----------|--------------|
| Total THC * | 11.70 % | THCA | 12.40 % | 124.0 mg/g |
| | 117.0 mg/g | Δ-9-THC | 0.83 % | 8.3 mg/g |
| Total CBD * | 12.16 % | Δ-8-THC | < LOQ | < LOQ |
| | 121.6 mg/g | THCV | < LOQ | < LOQ |
| | | CBDA | 13.60 % | 136.0 mg/g |
| | | CBD | 0.23 % | 2.3 mg/g |
| | | CBGA | 0.64 % | 6.4 mg/g |
| | | CBG | 0.14 % | 1.4 mg/g |
| | | CBDVA | 0.32 % | 3.2 mg/g |
| | | CBDV | < LOQ | < LOQ |
| | | CBN | < LOQ | < LOQ |
| | | CBL | 0.14 % | 1.4 mg/g |
| | | CBC | < LOQ | < LOQ |



Sangria-GHR4



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

Report: Case Narrative

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 A1349-03. The results in this report only apply to sample A1349-03.

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The testing methods used are of sufficient sensitivity to meet the compliance criteria set in OAR 333-007. However, it is the responsibility of the client to utilize the data to comply with standards set in OAR 333-007.

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.



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

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| Water Activity | Evaluation Detail | | | | | |
|--|------------------------------|------------------------------|--------------------|-------------|----------------------------|--------|
| Product Name: Sangria-GHR4 | Water Activity | Tested Value (aw) | Pass Criteria (aw) | LOQ (aw) | Status Pass/Unsatisfactory | |
| Analysis Date: 2020-03-20 | | 0.449 aw | < 0.65 aw | 0.001 aw | Pass | |
| Testing Batch ID: V554 | | | | | | |
| Testing Method: LSOP #302, Water Activity | | | | | | |
| Moisture Analysis | Evaluation Detail | | | | | |
| Product Name: Sangria-GHR4 | Moisture Analysis | Tested Value (Moisture %) | Pass Criteria (%) | LOQ (%) | Status Pass/Unsatisfactory | |
| Analysis Date: 2020-03-20 | | 8.63 % | < 15.0 % | 0.01 % | Pass | |
| Testing Batch ID: V554 | | | | | | |
| Testing Method: LSOP #301 Moisture Analysis | | | | | | |
| Cannabinoid Potency Analysis | Evaluation Detail | | | | | |
| Product Name: Sangria-GHR4 | Cannabinoid Potency Analysis | Compound | Abrv. | Dry Wt. (%) | Dry Wt. (mg/g) | RL (%) |
| Analysis Date: 2020-03-20 | Total THC * | Tetrahydro-cannabinolic acid | THCA | 12.40 % | 124.0 | 0.1 % |
| | 11.70 % | Delta9 Tetrahydro-cannabinol | Δ-9-THC | 0.83 % | 8.3 | 0.1 % |
| | 117.0 mg/g | Delta8 Tetrahydro-cannabinol | Δ-8-THC | < LOQ | < LOQ | 0.1 % |
| | | Tetrahydrocannabivarin | THCV | < LOQ | < LOQ | 0.1 % |
| Testing Batch ID: V554,553,551 | Total CBD * | Cannabidiolic acid | CBDA | 13.60 % | 136.0 | 0.1 % |
| | 12.16 % | Cannabidiol | CBD | 0.23 % | 2.3 | 0.1 % |
| | 121.6 mg/g | Cannabidivarinic Acid | CBGA | 0.64 % | 6.4 | 0.1 % |
| | | Cannabidivarin | CBG | 0.14 % | 1.4 | 0.1 % |
| | | Cannabigerolic acid | CBDVA | 0.32 % | 3.2 | 0.1 % |
| | | Cannabigerol | CBDV | < LOQ | < LOQ | 0.1 % |
| | | Cannabinol | CBN | < LOQ | < LOQ | 0.1 % |
| | | Cannabicyclol | CBL | 0.14 % | 1.4 | 0.1 % |
| | | Cannabichromene | CBC | < LOQ | < LOQ | 0.1 % |
| Testing Method: LSOP #303 Cannabinoid Quantification | | | | | | |

Note: Accreditation for Δ-8-THC, THCV, CBGA, CBG, CBDVA, CBDV, CBL, CBC is not offered by ORELAP and therefore are not accredited tests.

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

Report: Quality Check



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| Water Activity | | Quality Control Detail | | | | | | |
|-------------------------------------|--------------|-------------------------------|--|----|-----|---------------------|-------------------|---------------|
| Analysis Date: | 2020-03-20 | Water Activity Analysis | | MB | LCS | Expected Value (aw) | Tested Value (aw) | Pass Criteria |
| Testing Batch ID: | V554 | | | ○ | | 1.0000 | 1.0006 | aw ± 0.010 |
| | | | | | ● | 0.5289 | 0.5337 | aw ± 0.010 |
| Moisture Analysis | | Quality Control Detail | | | | | | |
| Analysis Date: | 2020-03-20 | Moisture Analysis | | MB | LCS | Expected Value (%) | Tested Value (%) | Pass Criteria |
| Testing Batch ID: | V554 | | | ○ | | 0.0% | 1.2% | ± 2.5% |
| | | | | | ● | 100.0% | 100.8% | ± 2.5% |
| Cannabinoid Potency Analysis | | Quality Control Detail | | | | | | |
| Analysis Date: | 2020-03-20 | Cannabinoid Potency Analysis | | MB | LCS | Expected Value (%) | Tested Value (%) | Pass Criteria |
| Testing Batch ID: | V554,553,551 | Tetrahydro-cannabinolic acid | | ○ | | < 0.1% | < 0.1% | < 0.1% |
| | | Delta9 Tetrahydro-cannabinol | | ○ | | < 0.1% | < 0.1% | < 0.1% |
| | | Cannabidiolic acid | | ○ | | < 0.1% | < 0.1% | < 0.1% |
| | | Cannabidiol | | ○ | | < 0.1% | < 0.1% | < 0.1% |
| | | Cannabinol | | ○ | | < 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% |

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

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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

This certificate of analysis is prepared for...

SoFresh Farms

27135 S Gribble Rd. Canby, OR 97103

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Notes:

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Sardar, Tamzid M. | Laboratory Director
Corvallis, Oregon



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Report: Evaluation Detail

| Pesticide Analysis | | Evaluation Detail | | | | |
|---|------------------------------|--------------------------|--------------------|---------------------|-----------|----------------------------|
| Product Name: Composite of (03,04,05,11) | | Pesticide Name | Tested Value (ppm) | Pass Criteria (ppm) | LOQ (ppm) | Status Pass/Unsatisfactory |
| LCMS | | Abamectin B1a | < LOQ | 0.50 | 0.20 | Pass |
| Analysis Date: | 2020-03-24 | Acephate | < LOQ | 0.40 | 0.20 | Pass |
| Testing Batch ID: | V555,554 | Acequinocyl | < LOQ | 2.00 | 0.20 | Pass |
| Testing Method: | LSOP #307 Pesticides by LCMS | Acetamiprid | < LOQ | 0.20 | 0.20 | Pass |
| | | Aldicarb | < LOQ | 0.40 | 0.20 | Pass |
| | | Azoxystrobin | < LOQ | 0.20 | 0.20 | Pass |
| GCMS | | Bifenazate | < LOQ | 0.20 | 0.20 | Pass |
| Analysis Date: | 2020-03-24 | Bifenthrin | < LOQ | 0.20 | 0.20 | Pass |
| Testing Batch ID: | V555,554 | Boscalid | < LOQ | 0.40 | 0.20 | Pass |
| Testing Method: | LSOP #305 Pesticides by GCMS | 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 | < LOQ | 0.20 | 0.20 | Pass |
| | | Fenoxycarb | < LOQ | 0.20 | 0.20 | Pass |
| | | Fenpyroximate | < LOQ | 0.40 | 0.20 | Pass |
| | | Fipronil*** | < LOQ | 0.40 | 0.10 | Pass |
| | | Flonicamid | < LOQ | 1.00 | 0.20 | Pass |
| | | Fludioxonil*** | < LOQ | 0.40 | 0.20 | Pass |
| | | Hexythiazox | < LOQ | 1.00 | 0.20 | Pass |
| | | Imazalil | < LOQ | 0.20 | 0.20 | Pass |
| | | Imidacloprid | < LOQ | 0.40 | 0.20 | Pass |
| | | Kresoxim-methyl | < LOQ | 0.40 | 0.20 | Pass |

*** Compounds were tested on GCMS. All others on LCMS. Continued on next page...

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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.

Report: Quality Check



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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

Quality Control Detail

| Pesticide Name | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteria (ppm) |
|---------------------|----|-----|----------------------|--------------------|---------------------|
| Abamectin | o | | < 0.25 | < 0.25 | < 0.25 |
| Acephate | o | | < 0.2 | < 0.2 | < 0.2 |
| Acequinocyl | o | | < 1 | < 1 | < 1 |
| Acetamiprid | o | | < 0.1 | < 0.1 | < 0.1 |
| Aldicarb | o | | < 0.2 | < 0.2 | < 0.2 |
| Azoxystrobin | o | | < 0.1 | < 0.1 | < 0.1 |
| Bifenazate | o | | < 0.1 | < 0.1 | < 0.1 |
| Bifenthrin | o | | < 0.1 | < 0.1 | < 0.1 |
| Boscalid | o | | < 0.2 | < 0.2 | < 0.2 |
| Carbaryl | o | | < 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 | o | | < 0.1 | < 0.1 | < 0.1 |
| Cyfluthrin*** | o | | < 0.5 | < 0.5 | < 0.5 |
| Cypermethrin*** | o | | < 0.5 | < 0.5 | < 0.5 |
| Daminozide | o | | < 0.5 | < 0.5 | < 0.5 |
| Diazinon | o | | < 0.1 | < 0.1 | < 0.1 |
| Dichlorvos | o | | < 0.5 | < 0.5 | < 0.5 |
| Dimethoate | o | | < 0.1 | < 0.1 | < 0.1 |
| Ethoprophos | o | | < 0.1 | < 0.1 | < 0.1 |
| Etofenprox | o | | < 0.2 | < 0.2 | < 0.2 |
| Etoxazole | o | | < 0.1 | < 0.1 | < 0.1 |
| Fenoxycarb | o | | < 0.1 | < 0.1 | < 0.1 |
| Fenpyroximate | o | | < 0.2 | < 0.2 | < 0.2 |
| Fipronil*** | o | | < 0.2 | < 0.2 | < 0.2 |
| Flonicamid | o | | < 0.5 | < 0.5 | < 0.5 |
| Fludioxonil*** | o | | < 0.2 | < 0.2 | < 0.2 |
| Hexythiazox | o | | < 0.5 | < 0.5 | < 0.5 |
| Imazalil | o | | < 0.1 | < 0.1 | < 0.1 |
| Imidacloprid | o | | < 0.2 | < 0.2 | < 0.2 |
| Kresoxim-methyl | o | | < 0.2 | < 0.2 | < 0.2 |

*** Compounds were tested on GCMS. All others on LCMS. Continued on next page...

Report: Quality Check



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Pesticide Analysis

Quality Control Detail

| Pesticide Name | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteria (ppm) |
|------------------------|----|-----|----------------------|--------------------|---------------------|
| Malathion | o | | < 0.1 | < 0.1 | < 0.1 |
| Metalaxyl | o | | < 0.1 | < 0.1 | < 0.1 |
| Methiocarb | o | | < 0.1 | < 0.1 | < 0.1 |
| Methomyl | o | | < 0.2 | < 0.2 | < 0.2 |
| MGK-264 | o | | < 0.1 | < 0.1 | < 0.1 |
| Myclobutanil | o | | < 0.1 | < 0.1 | < 0.1 |
| Naled | o | | < 0.25 | < 0.25 | < 0.25 |
| Oxamyl | o | | < 0.5 | < 0.5 | < 0.5 |
| Paclobutrazol | o | | < 0.2 | < 0.2 | < 0.2 |
| Parathion-methyl*** | o | | < 0.1 | < 0.1 | < 0.1 |
| Permethrin, cis-trans | o | | < 0.1 | < 0.1 | < 0.1 |
| Phosmet | o | | < 0.1 | < 0.1 | < 0.1 |
| Piperonyl butoxide | o | | < 1 | < 1 | < 1 |
| Prallethrin | o | | < 0.1 | < 0.1 | < 0.1 |
| Propiconazole*** | o | | < 0.2 | < 0.2 | < 0.2 |
| Propoxur | o | | < 0.1 | < 0.1 | < 0.1 |
| Pyrethrins (3 isomers) | o | | < 0.5 | < 0.5 | < 0.5 |
| Pyridaben | o | | < 0.1 | < 0.1 | < 0.1 |
| Spinosad | o | | < 0.1 | < 0.1 | < 0.1 |
| Spiromesifen | o | | < 0.1 | < 0.1 | < 0.1 |
| Spirotetramat | o | | < 0.1 | < 0.1 | < 0.1 |
| Spiroxamine | o | | < 0.2 | < 0.2 | < 0.2 |
| Tebuconazole | o | | < 0.2 | < 0.2 | < 0.2 |
| Thiacloprid | o | | < 0.1 | < 0.1 | < 0.1 |
| Thiamethoxam | o | | < 0.1 | < 0.1 | < 0.1 |
| Trifloxystrobin | o | | < 0.1 | < 0.1 | < 0.1 |
| Abamectin | | • | 1.5 | 2.132 | 0.15 - 2.4 |
| Acephate | | • | 1.5 | 1.178 | 0.15 - 2.4 |
| Acequinocyl | | • | 1.5 | 1.823 | 0.15 - 2.4 |
| Acetamiprid | | • | 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 |

*** Compounds were tested on GCMS. All others on LCMS. Continued on next page...

Report: Quality Check



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Pesticide Analysis

Quality Control Detail

| Pesticide Name | MB | LCS | Expected Value (ppm) | Tested Value (ppm) | Pass Criteria (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 |
| Fenoxycarb | | • | 1.5 | 1.715 | 0.15 - 2.4 |
| Fenpyroximate | | • | 1.5 | 1.767 | 0.15 - 2.4 |
| Fipronil*** | | • | 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 |
| Imazalil | | • | 1.5 | 1.519 | 0.15 - 2.4 |
| Imidacloprid | | • | 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 |

*** Compounds were tested on GCMS. All others on LCMS. Continued on next page...

Report: Quality Check



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For OLCC/OHA Compliance Purposes.

Pesticide Analysis

Quality Control Detail

| Pesticide Name | 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.

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