




Summary

| Analyte | Result (%) | | |
|------------------------------|------------|--|--|
| HHC (9R-Hexahydrocannabinol) | 81.5 |  <ul style="list-style-type: none"> ● HHC (9R-Hexahydrocannabinol) ● HHC (9S-Hexahydrocannabinol) ● CBD-A ● CBD ● CBT ● CBN | CBD-Total 3.56% |
| HHC (9S-Hexahydrocannabinol) | 1.0 | | THC-Total <LOQ |
| CBD-A | 3.41 | | (Reported in percent of total sample) |
| CBD | 0.572 | | |
| CBT | 0.153 | | |
| CBN | 0.0982 | | |

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 |
|-----------------|-------------------|------------------|-----------------------|-------------------|------------------|
| Terpinolene | 0.936 | 29.07% | (R)-(+)-Limonene | 0.756 | 23.48% |
| β-Caryophyllene | 0.392 | 12.17% | β-Myrcene | 0.351 | 10.90% |
| (-)-β-Pinene | 0.191 | 5.93% | a-pinene | 0.120 | 3.73% |
| a-Bisabolol | 0.0796 | 2.47% | p-Cymene | 0.0760 | 2.36% |
| Linalool | 0.0494 | 1.53% | Humulene | 0.0455 | 1.41% |
| (-)-a-Terpineol | 0.0358 | 1.11% | a-phellandrene | 0.0306 | 0.95% |
| farnesene | 0.0302 | 0.94% | d-3-Carene | 0.0286 | 0.89% |
| (+)-fenchol | 0.0242 | 0.75% | a-Terpinene | 0.0226 | 0.70% |
| nerol | 0.0204 | 0.63% | gamma-Terpinene | 0.0190 | 0.59% |
| trans-β-Ocimene | 0.0131 | 0.41% | Total Terpenes | 3.22 | 100.00% |

Metals:
Less than LOQ for all analytes.

Microbiology:
Less than LOQ for all analytes.

Customer: Wild Orchard - 333 New Road Unit 5, Parsippany, NJ 07054

Product identity: Live Resin Knockout

Client/Metric ID: 23-000599-0001

Sample Date:
Laboratory ID:
Evidence of Cooling: No

Temp: 21.6 °C

Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)^p **Units %** **Batch:** 2300547 **Analyze:** 1/18/23 2:15:00 AM

| Analyte | As Received | Dry weight | LOQ | Notes |
|------------------------------|-------------|------------|--------------|-------|
| CBC | < LOQ | | 0.0707 | |
| CBC-A | < LOQ | | 0.0707 | |
| CBC-Total | < LOQ | | 0.133 | |
| CBD | 0.572 | | 0.0707 | |
| CBD-A | 3.41 | | 0.0707 | |
| CBD-Total | 3.56 | | 0.133 | |
| CBDV | < LOQ | | 0.0707 | |
| CBDV-A | < LOQ | | 0.0707 | |
| CBDV-Total | < LOQ | | 0.132 | |
| CBE | < LOQ | | 0.0707 | |
| CBG | < LOQ | | 0.0707 | |
| CBG-A | < LOQ | | 0.0707 | |
| CBG-Total | < LOQ | | 0.132 | |
| CBL | < LOQ | | 0.0707 | |
| CBL-A | < LOQ | | 0.0707 | |
| CBL-Total | < LOQ | | 0.133 | |
| CBN | 0.0982 | | 0.0707 | |
| CBT | 0.153 | | 0.0707 | |
| Δ10-THC-9R | < LOQ | | 0.0707 | |
| Δ8-THCV | < LOQ | | 0.0707 | |
| Δ9-THC | < LOQ | | 0.0707 | |
| exo-THC | < LOQ | | 0.0707 | |
| HHC (9R-Hexahydrocannabinol) | 81.5 | | 0.0707 | |
| HHC (9S-Hexahydrocannabinol) | 1.0 | | 0.707 | |
| THC-A | < LOQ | | 0.707 | |
| THC-O-Acetate, delta-8 | < LOQ | | 0.0707 | |
| THC-O-Acetate, delta-9 | < LOQ | | 0.0707 | |
| THC-Total | < LOQ | | 0.0707 | |
| THCV | < LOQ | | 0.133 | |
| THCV-A | < LOQ | | 0.0707 | |
| THCV-Total | < LOQ | | 0.0707 | |
| Total Cannabinoids | 90.3 | | 0.132 | |



- HHC (9R-Hexahydrocannabinol)
- HHC (9S-Hexahydrocannabinol)
- CBD-A
- CBD
- CBT
- CBN



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes |
|-----------------|--------|--------|-------|-----|---------|---|--------|-------|
| E.coli | < LOQ | | cfu/g | 10 | 2300491 | 01/19/23 AOAC 991.14 (Petrifilm) ^P | | |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2300491 | 01/19/23 AOAC 991.14 (Petrifilm) ^P | | |

Solvents Method: Residual Solvents by GC/MS^B Units µg/g Batch 2300609 Analyze 01/19/23 02:53 PM

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



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

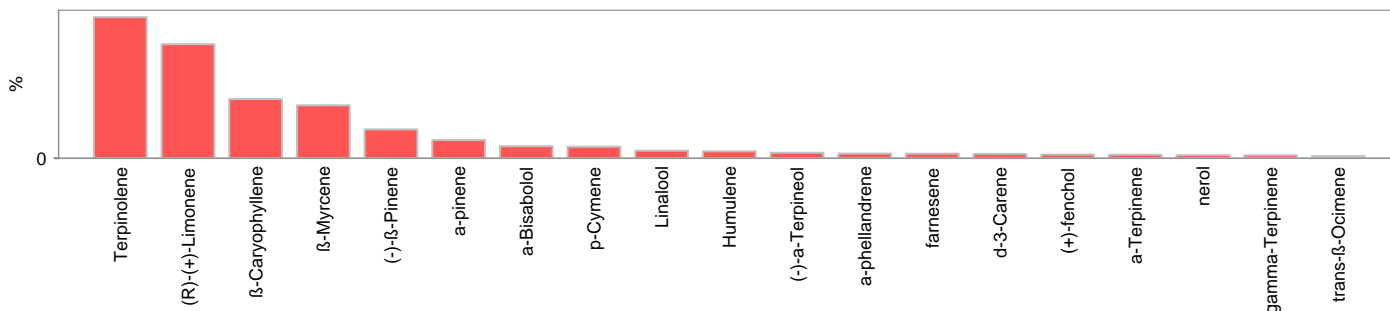
| Pesticides | | | | | | | | | | | |
|---|--------|--------|-------|--------|-------|----------------------------------|--------|--------|-------|--------|-------|
| Method: AOAC 2007.01 & EN 15662 (mod) ^b | | | | | | | | | | | |
| Units mg/kg Batch 2300525 Analyze 01/18/23 07:53 AM | | | | | | | | | | | |
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
| Abamectin [‡] | < LOQ | 0.50 | 0.250 | pass | | Acephate [‡] | < LOQ | 0.40 | 0.200 | pass | |
| Acequinocyl [‡] | < LOQ | 2.0 | 1.00 | pass | | Acetamidrid [‡] | < LOQ | 0.20 | 0.100 | pass | |
| Aldicarb [‡] | < LOQ | 0.40 | 0.200 | pass | | Azoxystrobin [‡] | < LOQ | 0.20 | 0.100 | pass | |
| Bifentazate [‡] | < 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 | | Etoazole [‡] | < 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 | | Flonicamid [‡] | < LOQ | 1.0 | 0.400 | pass | |
| Fludioxonil [‡] | < LOQ | 0.40 | 0.200 | pass | | Hexythiazox [‡] | < LOQ | 1.0 | 0.400 | pass | |
| Imazali [‡] | < 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 | | Paclotbutrazole [‡] | < LOQ | 0.40 | 0.200 | pass | |
| Parathion-Methyl [‡] | < LOQ | 0.20 | 0.100 | 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 | 0.100 | 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 | | | | | | | |



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

| Terpenes | | | | Method: J AOAC 2015 V98-6 | Units % | Batch 2300556 | Analyze 01/17/23 05:49 PM | | |
|-------------------------|-------------|-------|------------|---------------------------|------------------|---------------|---------------------------|------------|-------|
| Analyte | Result | LOQ | % of Total | Notes | Analyte | Result | LOQ | % of Total | Notes |
| Terpinolene | 0.936 | 0.018 | 29.068% | | (R)-(+)-Limonene | 0.756 | 0.018 | 23.478% | |
| β-Caryophyllene | 0.392 | 0.018 | 12.174% | | β-Myrcene | 0.351 | 0.018 | 10.901% | |
| (-)-β-Pinene | 0.191 | 0.018 | 5.932% | | α-pinene | 0.120 | 0.018 | 3.727% | |
| α-Bisabolol | 0.0796 | 0.018 | 2.4720% | | p-Cymene | 0.0760 | 0.018 | 2.3602% | |
| Linalool | 0.0494 | 0.018 | 1.5342% | | Humulene | 0.0455 | 0.018 | 1.4130% | |
| (-)-α-Terpineol | 0.0358 | 0.018 | 1.1118% | | α-phellandrene | 0.0306 | 0.018 | 0.9503% | |
| farnesene | 0.0302 | 0.018 | 0.9379% | | d-3-Carene | 0.0286 | 0.018 | 0.8882% | |
| (+)-fenchol | 0.0242 | 0.018 | 0.7516% | | α-Terpinene | 0.0226 | 0.018 | 0.7019% | |
| nerol | 0.0204 | 0.018 | 0.6335% | | γ-Terpinene | 0.0190 | 0.018 | 0.5901% | |
| (-)-caryophyllene oxide | < LOQ | 0.018 | 0.00% | | (±)-fenchone | < LOQ | 0.018 | 0.00% | |
| (-)-Guaiol | < LOQ | 0.018 | 0.00% | | trans-β-Ocimene | 0.0131 | 0.012 | 0.4068% | |
| Camphene | < LOQ | 0.018 | 0.00% | | Geraniol | < LOQ | 0.018 | 0.00% | |
| (±)-trans-Nerolidol | < LOQ | 0.018 | 0.00% | | valencene | < LOQ | 0.018 | 0.00% | |
| Sabinene | < LOQ | 0.018 | 0.00% | | Geranyl acetate | < LOQ | 0.018 | 0.00% | |
| (±)-Camphor | < LOQ | 0.018 | 0.00% | | Eucalyptol | < LOQ | 0.018 | 0.00% | |
| cis-β-Ocimene | < LOQ | 0.006 | 0.00% | | (+)-Cedrol | < LOQ | 0.018 | 0.00% | |
| (+)-Borneol | < LOQ | 0.018 | 0.00% | | (-)-Isopulegol | < LOQ | 0.018 | 0.00% | |
| Isoborneol | < LOQ | 0.018 | 0.00% | | (+)-Pulegone | < LOQ | 0.018 | 0.00% | |
| (±)-cis-Nerolidol | < LOQ | 0.018 | 0.00% | | α-cedrene | < LOQ | 0.018 | 0.00% | |
| Menthol | < LOQ | 0.018 | 0.00% | | Sabinene hydrate | < LOQ | 0.018 | 0.00% | |
| Total Terpenes | 3.22 | | | | | | | | |



| Metals | | | | | | | | | |
|---------|--------|--------|-------|--------|---------|---|--------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes | |
| Arsenic | < LOQ | 0.200 | mg/kg | 0.0833 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^p | pass | | |
| Cadmium | < LOQ | 0.200 | mg/kg | 0.0833 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^p | pass | | |
| Lead | < LOQ | 0.500 | mg/kg | 0.0833 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^p | pass | | |
| Mercury | < LOQ | 0.100 | mg/kg | 0.0416 | 2300594 | 01/18/23 AOAC 2013.06 (mod.) ^p | pass | | |



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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.

Ⓛ = ISO/IEC 17025:2017 accredited method.

* = TNI accredited analyte.

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

Approved Signatory

Derrick Tanner
General Manager



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

Revision: 3 Document ID: 3120
 LegacyID: CFLC21WorksheetValidated 10/30/2020

Laboratory Pesticide Quality Control Results

| AOAC2007.1 &EN 15662 | | Units: mg/Kg | | | Batch ID 2300525 | | | |
|----------------------|---------------------------|--------------|-------|------------|------------------|----------|--------|-------|
| Method Blank | Laboratory Control Sample | | | | | | | |
| Analyte | Blank Result | Blank Limits | Notes | LCS Result | LCS Spke | LCS % Re | Limits | Notes |
| Abamectin | 0.000 | < 0.250 | | 0.896 | 1.000 | 89.5 | 50.0 | 150 |
| Acephate | 0.000 | < 0.200 | | 0.691 | 0.800 | 86.4 | 60.0 | 120 |
| Acetamiprid | 0.000 | < 1.000 | | 3.509 | 4.000 | 87.7 | 40.0 | 160 |
| Acetamiprid | 0.000 | < 0.100 | | 0.368 | 0.400 | 91.9 | 60.0 | 120 |
| Aldicarb | 0.000 | < 0.200 | | 0.732 | 0.800 | 91.5 | 60.0 | 120 |
| Azoxystrobin | 0.000 | < 0.100 | | 0.354 | 0.400 | 88.5 | 60.0 | 120 |
| Bifenazate | 0.000 | < 0.100 | | 0.395 | 0.400 | 98.7 | 60.0 | 120 |
| Bifenthrin | 0.000 | < 0.100 | | 0.351 | 0.400 | 87.7 | 50.0 | 150 |
| Boscalid | 0.000 | < 0.200 | | 0.664 | 0.800 | 83.0 | 60.0 | 120 |
| Carbaryl | 0.000 | < 0.100 | | 0.362 | 0.400 | 90.5 | 60.0 | 120 |
| Carbendazim | 0.000 | < 0.100 | | 0.374 | 0.400 | 93.6 | 60.0 | 120 |
| Chlorantraniliprole | 0.000 | < 0.100 | | 0.363 | 0.400 | 90.8 | 60.0 | 120 |
| Chlorfenapyr | 0.000 | < 0.500 | | 1.868 | 2.000 | 93.4 | 60.0 | 120 |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.372 | 0.400 | 93.0 | 60.0 | 120 |
| Clofentezine | 0.000 | < 0.100 | | 0.366 | 0.400 | 91.5 | 60.0 | 120 |
| Cyfluthrin | 0.000 | < 0.500 | | 1.826 | 2.000 | 91.3 | 50.0 | 150 |
| Cypermethrin | 0.000 | < 0.500 | | 1.821 | 2.000 | 91.0 | 50.0 | 150 |
| Daminozide | 0.000 | < 0.500 | | 1.804 | 2.000 | 90.2 | 60.0 | 120 |
| Diazinon | 0.000 | < 0.100 | | 0.387 | 0.400 | 96.8 | 60.0 | 120 |
| Dichlorvos | 0.000 | < 0.500 | | 1.900 | 2.000 | 95.0 | 60.0 | 120 |
| Dimethoate | 0.000 | < 0.100 | | 0.359 | 0.400 | 89.8 | 60.0 | 120 |
| Ethiofencarb | 0.000 | < 0.100 | | 0.369 | 0.400 | 92.2 | 60.0 | 120 |
| Etofenprox | 0.000 | < 0.200 | | 0.712 | 0.800 | 89.0 | 50.0 | 150 |
| Etoxazole | 0.000 | < 0.100 | | 0.366 | 0.400 | 91.6 | 60.0 | 120 |
| Fenoxycarb | 0.000 | < 0.100 | | 0.363 | 0.400 | 90.8 | 60.0 | 120 |
| Fenpyroximate | 0.000 | < 0.200 | | 0.742 | 0.800 | 92.7 | 60.0 | 120 |
| Fipronil | 0.000 | < 0.200 | | 0.713 | 0.800 | 89.1 | 60.0 | 120 |
| Fonicamid | 0.000 | < 0.250 | | 0.839 | 1.000 | 83.9 | 60.0 | 120 |
| Fludioxonil | 0.000 | < 0.200 | | 0.777 | 0.800 | 97.2 | 50.0 | 150 |
| Hexythiazox | 0.000 | < 0.250 | | 0.885 | 1.000 | 88.5 | 60.0 | 120 |
| Imazalil | 0.000 | < 0.100 | | 0.377 | 0.400 | 94.3 | 60.0 | 120 |
| Imidacloprid | 0.000 | < 0.200 | | 0.721 | 0.800 | 90.2 | 60.0 | 120 |
| Kiesoxim-methyl | 0.000 | < 0.200 | | 0.733 | 0.800 | 91.6 | 60.0 | 120 |
| Malathion | 0.000 | < 0.100 | | 0.366 | 0.400 | 91.5 | 60.0 | 120 |
| Metaxyl | 0.000 | < 0.100 | | 0.373 | 0.400 | 93.3 | 60.0 | 120 |
| Methiocarb | 0.000 | < 0.100 | | 0.372 | 0.400 | 92.9 | 60.0 | 120 |
| Methomyl | 0.000 | < 0.200 | | 0.685 | 0.800 | 85.6 | 60.0 | 120 |
| MCK-264 | 0.000 | < 0.100 | | 0.362 | 0.400 | 90.4 | 50.0 | 150 |
| Mydobutanol | 0.000 | < 0.100 | | 0.366 | 0.400 | 91.6 | 60.0 | 120 |
| Naled | 0.000 | < 0.250 | | 0.929 | 1.000 | 92.9 | 50.0 | 150 |
| Oxamyl | 0.000 | < 0.500 | | 1.752 | 2.000 | 87.6 | 60.0 | 120 |
| Padobutrazole | 0.000 | < 0.200 | | 0.728 | 0.800 | 91.0 | 60.0 | 120 |
| Parathion-Methyl | 0.000 | < 0.100 | | 0.304 | 0.400 | 76.1 | 50.0 | 150 |
| Permethrin | 0.000 | < 0.100 | | 0.364 | 0.400 | 91.0 | 50.0 | 150 |
| Phosmet | 0.000 | < 0.100 | | 0.349 | 0.400 | 87.3 | 50.0 | 150 |
| Piperonyl butoxide | 0.000 | < 0.500 | | 1.796 | 2.000 | 89.8 | 60.0 | 120 |
| Prallethrin | 0.000 | < 0.100 | | 0.364 | 0.400 | 91.1 | 60.0 | 120 |
| Propiconazole | 0.000 | < 0.200 | | 0.730 | 0.800 | 91.3 | 60.0 | 120 |
| Propoxur | 0.000 | < 0.100 | | 0.372 | 0.400 | 93.0 | 60.0 | 120 |
| Pyrethrin (Summe) | 0.000 | < 0.100 | | 0.466 | 0.488 | 95.5 | 60.0 | 120 |
| Pyridaben | 0.000 | < 0.100 | | 0.371 | 0.400 | 92.6 | 50.0 | 150 |
| Spirosad | 0.000 | < 0.100 | | 0.344 | 0.388 | 88.6 | 50.0 | 150 |
| Spiromesfen | 0.000 | < 0.100 | | 0.363 | 0.400 | 90.8 | 60.0 | 120 |
| Spirotetramat | 0.000 | < 0.100 | | 0.370 | 0.400 | 92.5 | 60.0 | 120 |
| Spiroxamine | 0.000 | < 0.200 | | 0.691 | 0.800 | 86.4 | 60.0 | 120 |
| Tebuconazole | 0.000 | < 0.200 | | 0.730 | 0.800 | 91.2 | 60.0 | 120 |
| Thiadoprid | 0.000 | < 0.100 | | 0.363 | 0.400 | 90.7 | 60.0 | 120 |
| Thiamethoxam | 0.000 | < 0.100 | | 0.381 | 0.400 | 95.3 | 60.0 | 120 |
| Trifloxystrobin | 0.000 | < 0.100 | | 0.361 | 0.400 | 90.2 | 60.0 | 120 |



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

Revision: 3 Document ID: 3120
LegacyID: CFLC21WorksheetValidated 10/30/2020

Laboratory Pesticide Quality Control Results

| AOAC2007.1 & EN 15662 | | Units: mg/Kg | | | | Batch ID 2300525 | | | | |
|--|--------|--------------|---------|-------|-------|------------------|---------|----------|----------|-------|
| Matrix Spke/Matrix Spke Duplicate Recoveries | Result | MS Res | MSD Res | Spike | RFD% | Limit | MS % Re | MSD % Re | Limits | Notes |
| Abamectin | 0.00 | 0.836 | 0.901 | 1.00 | 7.4% | < 30 | 83.8% | 90.1% | 50 - 150 | |
| Acephate | 0.00 | 0.728 | 0.678 | 0.800 | 7.1% | < 30 | 91.0% | 84.7% | 50 - 150 | |
| Acequinocyl | 0.00 | 3.197 | 3.409 | 4.00 | 6.4% | < 30 | 79.9% | 85.2% | 50 - 150 | |
| Acetamiprid | 0.00 | 0.373 | 0.367 | 0.400 | 1.6% | < 30 | 93.3% | 91.8% | 50 - 150 | |
| Aldicarb | 0.00 | 0.720 | 0.716 | 0.800 | 0.5% | < 30 | 90.0% | 89.8% | 50 - 150 | |
| Azoxystrobin | 0.00 | 0.347 | 0.347 | 0.400 | 0.1% | < 30 | 86.7% | 86.8% | 50 - 150 | |
| Bifenazate | 0.00 | 0.410 | 0.420 | 0.400 | 2.2% | < 30 | 102.6% | 104.9% | 50 - 150 | |
| Bifenthrin | 0.00 | 0.307 | 0.312 | 0.400 | 1.6% | < 30 | 76.7% | 78.0% | 50 - 150 | |
| Boscalid | 0.00 | 0.674 | 0.714 | 0.800 | 5.8% | < 30 | 84.2% | 89.3% | 50 - 150 | |
| Carbaryl | 0.00 | 0.352 | 0.349 | 0.400 | 0.9% | < 30 | 88.0% | 87.2% | 50 - 150 | |
| Carbofuran | 0.00 | 0.360 | 0.355 | 0.400 | 1.3% | < 30 | 90.1% | 88.9% | 50 - 150 | |
| Chlorantraniliprole | 0.00 | 0.381 | 0.374 | 0.400 | 1.8% | < 30 | 95.2% | 93.4% | 50 - 150 | |
| Chlorfenapyr | 0.00 | 1.384 | 1.484 | 2.00 | 6.9% | < 30 | 69.2% | 74.2% | 50 - 150 | |
| Chlorpyrifos | 0.00 | 0.389 | 0.385 | 0.400 | 0.7% | < 30 | 97.2% | 96.5% | 50 - 150 | |
| Clofentezine | 0.00 | 0.353 | 0.352 | 0.400 | 0.4% | < 30 | 88.3% | 88.0% | 50 - 150 | |
| Cyfluthrin | 0.00 | 1.058 | 1.128 | 2.00 | 6.4% | < 30 | 52.9% | 56.4% | 30 - 150 | |
| Cypermethrin | 0.00 | 1.113 | 1.055 | 2.00 | 5.2% | < 30 | 55.8% | 52.8% | 50 - 150 | |
| Daminozide | 0.00 | 1.780 | 1.797 | 2.00 | 1.0% | < 30 | 89.0% | 89.8% | 30 - 150 | |
| Diazinon | 0.00 | 0.335 | 0.335 | 0.400 | 0.2% | < 30 | 83.8% | 83.8% | 50 - 150 | |
| Dichlorvos | 0.00 | 1.884 | 1.814 | 2.00 | 3.8% | < 30 | 94.2% | 90.7% | 50 - 150 | |
| Dimethoate | 0.00 | 0.365 | 0.361 | 0.400 | 0.9% | < 30 | 91.2% | 90.3% | 50 - 150 | |
| Ethiofoprofos | 0.00 | 0.347 | 0.354 | 0.400 | 2.1% | < 30 | 86.7% | 88.5% | 50 - 150 | |
| Etofenprox | 0.00 | 0.592 | 0.622 | 0.800 | 4.8% | < 30 | 74.0% | 77.7% | 50 - 150 | |
| Etoxazole | 0.00 | 0.329 | 0.334 | 0.400 | 1.6% | < 30 | 82.2% | 83.3% | 50 - 150 | |
| Fenoxycarb | 0.00 | 0.353 | 0.358 | 0.400 | 1.4% | < 30 | 88.2% | 89.4% | 50 - 150 | |
| Fenpyroximate | 0.00 | 0.407 | 0.409 | 0.800 | 0.6% | < 30 | 50.9% | 51.2% | 50 - 150 | |
| Fipronil | 0.00 | 0.644 | 0.574 | 0.800 | 11.4% | < 30 | 80.9% | 71.8% | 50 - 150 | |
| Fonicamid | 0.00 | 0.929 | 0.917 | 1.00 | 1.3% | < 30 | 92.9% | 91.7% | 50 - 150 | |
| Fludioxonil | 0.00 | 0.865 | 0.878 | 0.800 | 1.5% | < 30 | 108.1% | 109.7% | 50 - 150 | |
| Hexythiazox | 0.00 | 0.887 | 0.885 | 1.00 | 2.5% | < 30 | 88.7% | 86.8% | 50 - 150 | |
| Imazalil | 0.00 | 0.376 | 0.371 | 0.400 | 1.3% | < 30 | 94.0% | 92.8% | 50 - 150 | |
| Imidacloprid | 0.00 | 0.720 | 0.713 | 0.800 | 1.0% | < 30 | 90.0% | 89.1% | 50 - 150 | |
| Kiesoxim-methyl | 0.00 | 0.691 | 0.698 | 0.800 | 1.0% | < 30 | 86.4% | 87.3% | 50 - 150 | |
| Malathion | 0.036 | 0.321 | 0.314 | 0.400 | 2.7% | < 30 | 71.4% | 69.9% | 50 - 150 | |
| Metolaxyl | 0.00 | 0.361 | 0.368 | 0.400 | 2.0% | < 30 | 90.2% | 92.0% | 50 - 150 | |
| Methiocarb | 0.00 | 0.351 | 0.348 | 0.400 | 1.0% | < 30 | 87.9% | 87.0% | 50 - 150 | |
| Methomyl | 0.00 | 0.748 | 0.780 | 0.800 | 4.0% | < 30 | 93.7% | 97.5% | 50 - 150 | |
| MCK-264 | 0.00 | 0.289 | 0.297 | 0.400 | 2.8% | < 30 | 72.1% | 74.2% | 50 - 150 | |
| Mydobutani | 0.00 | 0.372 | 0.371 | 0.400 | 0.1% | < 30 | 93.0% | 92.9% | 50 - 150 | |
| Naled | 0.00 | 0.825 | 0.820 | 1.00 | 0.5% | < 30 | 82.5% | 82.0% | 50 - 150 | |
| Oxamyl | 0.00 | 1.851 | 1.715 | 2.00 | 7.7% | < 30 | 92.8% | 85.7% | 50 - 150 | |
| Padobutrazole | 0.00 | 0.714 | 0.705 | 0.800 | 1.2% | < 30 | 89.2% | 88.2% | 50 - 150 | |
| Parathion-Methyl | 0.00 | 0.347 | 0.267 | 0.400 | 26.1% | < 30 | 86.8% | 66.8% | 30 - 150 | |
| Permethrin | 0.00 | 0.347 | 0.338 | 0.400 | 2.7% | < 30 | 86.7% | 84.4% | 50 - 150 | |
| Phosmet | 0.00 | 0.351 | 0.350 | 0.400 | 0.3% | < 30 | 87.7% | 87.5% | 50 - 150 | |
| Piperonyl butoxide | 0.00 | 1.595 | 1.669 | 2.00 | 4.5% | < 30 | 79.7% | 83.4% | 50 - 150 | |
| Prallethrin | 0.00 | 0.333 | 0.334 | 0.400 | 0.4% | < 30 | 83.2% | 83.5% | 50 - 150 | |
| Propiconazole | 0.00 | 0.778 | 0.780 | 0.800 | 0.2% | < 30 | 97.3% | 97.5% | 50 - 150 | |
| Propoxur | 0.00 | 0.367 | 0.360 | 0.400 | 1.9% | < 30 | 91.7% | 90.0% | 50 - 150 | |
| Pyrethrin (Summe) | 0.018 | 0.507 | 0.517 | 0.488 | 2.0% | < 30 | 100.4% | 102.4% | 50 - 150 | |
| Pyridaben | 0.00 | 0.340 | 0.335 | 0.400 | 1.3% | < 30 | 85.1% | 84.0% | 50 - 150 | |
| Spirosad | 0.00 | 0.314 | 0.314 | 0.388 | 0.1% | < 30 | 81.0% | 81.0% | 50 - 150 | |
| Spiromesfen | 0.00 | 0.378 | 0.374 | 0.400 | 1.2% | < 30 | 94.8% | 93.5% | 50 - 150 | |
| Spirotetramat | 0.00 | 0.428 | 0.438 | 0.400 | 2.3% | < 30 | 107.1% | 109.6% | 50 - 150 | |
| Spiroxamine | 0.00 | 0.691 | 0.705 | 0.800 | 2.0% | < 30 | 86.4% | 88.1% | 50 - 150 | |
| Tebuconazole | 0.00 | 0.700 | 0.701 | 0.800 | 0.1% | < 30 | 87.5% | 87.6% | 50 - 150 | |
| Thiadoprid | 0.00 | 0.363 | 0.353 | 0.400 | 2.8% | < 30 | 90.9% | 88.3% | 50 - 150 | |
| Thiamethoxam | 0.00 | 0.423 | 0.371 | 0.400 | 13.1% | < 30 | 105.7% | 92.7% | 50 - 150 | |
| Trifloxystrobin | 0.00 | 0.320 | 0.317 | 0.400 | 1.1% | < 30 | 80.1% | 79.2% | 50 - 150 | |



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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

Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 0

| Laboratory Control Sample | | | | | | | | | |
|---------------------------|-----|--------|-------|-------|-------|--------|-------|------------|-------|
| Analyte | LCS | Result | Spike | Units | % Rec | Limits | | Evaluation | Notes |
| CBDVA | 2 | 0.102 | 0.100 | % | 102 | 80.0 | - 120 | Acceptable | |
| CBDV | 2 | 0.111 | 0.106 | % | 105 | 80.0 | - 120 | Acceptable | |
| CBE | 2 | 0.105 | 0.105 | % | 101 | 80.0 | - 120 | Acceptable | |
| CEDA | 1 | 0.0943 | 0.096 | % | 98.0 | 90.0 | - 110 | Acceptable | |
| CBG ^A | 1 | 0.0946 | 0.096 | % | 98.4 | 80.0 | - 120 | Acceptable | |
| CBG | 1 | 0.0997 | 0.099 | % | 101 | 80.0 | - 120 | Acceptable | |
| CBD | 1 | 0.0941 | 0.097 | % | 96.7 | 90.0 | - 110 | Acceptable | |
| THCV | 2 | 0.105 | 0.108 | % | 98.3 | 80.0 | - 120 | Acceptable | |
| δ8THCV | 2 | 0.104 | 0.103 | % | 101 | 80.0 | - 120 | Acceptable | |
| THCVA | 2 | 0.106 | 0.099 | % | 107 | 80.0 | - 120 | Acceptable | |
| CBN | 1 | 0.0995 | 0.102 | % | 97.8 | 80.0 | - 120 | Acceptable | |
| exo-THC | 2 | 0.0956 | 0.097 | % | 98.5 | 80.0 | - 120 | Acceptable | |
| δ9THC | 1 | 0.110 | 0.105 | % | 105 | 90.0 | - 110 | Acceptable | |
| δ8THC | 1 | 0.0944 | 0.100 | % | 93.9 | 90.0 | - 110 | Acceptable | |
| CBL | 2 | 0.103 | 0.104 | % | 99.7 | 80.0 | - 120 | Acceptable | |
| Δ10THC | 1 | 0.0446 | 0.047 | % | 94.4 | 80.0 | - 120 | Acceptable | |
| CBC | 2 | 0.101 | 0.104 | % | 97.5 | 80.0 | - 120 | Acceptable | |
| THCA | 1 | 0.0910 | 0.095 | % | 95.8 | 90.0 | - 110 | Acceptable | |
| CBCA | 2 | 0.107 | 0.103 | % | 104 | 80.0 | - 120 | Acceptable | |
| CBLA | 2 | 0.106 | 0.105 | % | 102 | 80.0 | - 120 | Acceptable | |
| CBT | 2 | 0.0979 | 0.105 | % | 92.9 | 80.0 | - 120 | Acceptable | |

| Method Blank | | | | | | | | | |
|------------------|--------|-------|-------|---------|--|------------|-------|--|--|
| Analyte | Result | LOQ | Units | Limits | | Evaluation | Notes | | |
| CBDVA | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBDV | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBE | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CEDA | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBG ^A | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBG | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBD | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| THCV | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| δ8THCV | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| THCVA | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBN | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| exo-THC | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| δ9THC | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| δ8THC | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBL | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| Δ10THC | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBC | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| THCA | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBCA | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBLA | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |
| CBT | <LOQ | 0.077 | % | < 0.077 | | Acceptable | | | |

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

Units of Measure:
 %- Percent



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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

Laboratory Quality Control Results

| JAOAC2015 V98-6 | | Batch ID: 0 | | | | | | |
|------------------|--------|---------------------------|-------|-------|------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 23-000521-0001 | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDVA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBDV | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CEDA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBG | 2.40 | 2.47 | 0.077 | % | 2.97 | < 20 | Acceptable | |
| CBD | 0.135 | 0.164 | 0.077 | % | 19.4 | < 20 | Acceptable | |
| THCV | 0.498 | 0.513 | 0.077 | % | 2.78 | < 20 | Acceptable | |
| δ8THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBN | 0.375 | 0.388 | 0.077 | % | 3.47 | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| Δ9THC | 75.7 | 77.3 | 0.077 | % | 2.10 | < 20 | Acceptable | |
| Δ8THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| Δ10THC | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBG | 0.791 | 0.816 | 0.077 | % | 3.06 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.077 | % | NA | < 20 | Acceptable | |
| CBT | 0.138 | 0.142 | 0.077 | % | 3.04 | < 20 | Acceptable | |

Abbreviations

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

Units of Measure:



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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

Terpenes Quality Control Results

| Method Reference: EPA5035 | | | | Batch ID: 2300556 | | | | | |
|---------------------------|--------|-------|-------|---------------------------|-----|-------|----------|----------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | LCS | Units | LCS% Rec | Limits | Notes |
| a-pinene | <LOQ | < 200 | | 533 | 500 | µg/g | 107% | 70 - 130 | |
| Camphene | <LOQ | < 200 | | 533 | 500 | µg/g | 107% | 70 - 130 | |
| Sabinene | <LOQ | < 200 | | 528 | 500 | µg/g | 106% | 70 - 130 | |
| b-Pinene | <LOQ | < 200 | | 520 | 500 | µg/g | 104% | 70 - 130 | |
| b-Myrcene | <LOQ | < 200 | | 527 | 500 | µg/g | 105% | 70 - 130 | |
| a-phellandrene | <LOQ | < 200 | | 537 | 500 | µg/g | 107% | 70 - 130 | |
| d-3-Carene | <LOQ | < 200 | | 531 | 500 | µg/g | 106% | 70 - 130 | |
| a-Terpinene | <LOQ | < 200 | | 532 | 500 | µg/g | 106% | 70 - 130 | |
| p-Cymene | <LOQ | < 200 | | 533 | 500 | µg/g | 107% | 70 - 130 | |
| D-Limonene | <LOQ | < 200 | | 548 | 500 | µg/g | 110% | 70 - 130 | |
| Eucalyptol | <LOQ | < 200 | | 533 | 500 | µg/g | 107% | 70 - 130 | |
| b-cis-Cimene | <LOQ | < 67 | | 178 | 167 | µg/g | 107% | 70 - 130 | |
| b-trans-Cimene | <LOQ | < 133 | | 373 | 333 | µg/g | 112% | 70 - 130 | |
| g-Terpinene | <LOQ | < 200 | | 545 | 500 | µg/g | 109% | 70 - 130 | |
| Sabinene Hydrate | <LOQ | < 200 | | 573 | 500 | µg/g | 115% | 70 - 130 | |
| Terpinolene | <LOQ | < 200 | | 552 | 500 | µg/g | 110% | 70 - 130 | |
| D-Fenchone | <LOQ | < 200 | | 546 | 500 | µg/g | 109% | 70 - 130 | |
| Linalool | <LOQ | < 200 | | 627 | 500 | µg/g | 125% | 70 - 130 | |
| Fenchol | <LOQ | < 200 | | 580 | 500 | µg/g | 116% | 70 - 130 | |
| Camphor | <LOQ | < 200 | | 547 | 500 | µg/g | 109% | 70 - 130 | |
| Isopulego | <LOQ | < 200 | | 578 | 500 | µg/g | 116% | 70 - 130 | |
| Isoborneol | <LOQ | < 200 | | 584 | 500 | µg/g | 117% | 70 - 130 | |
| Borneol | <LOQ | < 200 | | 591 | 500 | µg/g | 118% | 70 - 130 | |
| DL-Menthol | <LOQ | < 200 | | 558 | 500 | µg/g | 112% | 70 - 130 | |
| Terpineol | <LOQ | < 200 | | 592 | 500 | µg/g | 118% | 70 - 130 | |
| Nerd | <LOQ | < 200 | | 532 | 500 | µg/g | 106% | 70 - 130 | |
| Pulegone | <LOQ | < 200 | | 591 | 500 | µg/g | 118% | 70 - 130 | |
| Geraniol | <LOQ | < 200 | | 592 | 500 | µg/g | 118% | 70 - 130 | |
| Geranyl Acetate | <LOQ | < 200 | | 569 | 500 | µg/g | 114% | 70 - 130 | |
| a-Cedrene | <LOQ | < 200 | | 557 | 500 | µg/g | 111% | 70 - 130 | |
| b-Caryophyllene | <LOQ | < 200 | | 555 | 500 | µg/g | 111% | 70 - 130 | |
| a-Humulene | <LOQ | < 200 | | 586 | 500 | µg/g | 117% | 70 - 130 | |
| Valene | <LOQ | < 200 | | 552 | 500 | µg/g | 110% | 70 - 130 | |
| cis-Nerolidol | <LOQ | < 200 | | 630 | 500 | µg/g | 126% | 70 - 130 | |
| a-Farnesene | <LOQ | < 200 | | 646 | 500 | µg/g | 129% | 70 - 130 | |
| trans-Nerolidol | <LOQ | < 200 | | 599 | 500 | µg/g | 120% | 70 - 130 | |
| Caryophyllene Oxide | <LOQ | < 200 | | 577 | 500 | µg/g | 115% | 70 - 130 | |
| Guaiol | <LOQ | < 200 | | 593 | 500 | µg/g | 119% | 70 - 130 | |
| Cedrol | <LOQ | < 200 | | 599 | 500 | µg/g | 120% | 70 - 130 | |
| a-Bisabolol | <LOQ | < 200 | | 594 | 500 | µg/g | 119% | 70 - 130 | |

Definitions

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



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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

Terpenes Quality Control Results

| Method Reference: EPA5035 | | Batch ID: 2300556 | | | | | |
|---------------------------|--------|---------------------------|------|-------|-------|-------|-------|
| Sample/ Sample Duplicate | | Sample ID: 23-000474-0005 | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | % RPD | LIMIT | Notes |
| a-pinene | 807 | 823 | 192 | µg/g | 2% | < 20 | |
| Camphene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Sabinene | 267 | 272 | 192 | µg/g | 2% | < 20 | |
| b-Pinene | 451 | 460 | 192 | µg/g | 2% | < 20 | |
| b-Myrcene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-phellandrene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| d-3-Carene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-Terpinene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| p-Cymene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| D-Limonene | 536 | 557 | 192 | µg/g | 4% | < 20 | |
| Eucalyptol | 1890 | 1930 | 192 | µg/g | 2% | < 20 | |
| b-cis-Cimene | <LOQ | <LOQ | 64.1 | µg/g | 0% | < 20 | |
| b-trans-Cimene | <LOQ | <LOQ | 128 | µg/g | 0% | < 20 | |
| g-Terpinene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Sabinene Hydrate | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Terpinolene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| D-Fenchone | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Linalool | 230 | 240 | 192 | µg/g | 4% | < 20 | |
| Fenchol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Camphor | 478 | 479 | 192 | µg/g | 0% | < 20 | |
| Isopulego | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Isoborneol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Borneol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| DL-Menthhol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Terpineol | 2290 | 2330 | 192 | µg/g | 2% | < 20 | |
| Nerd | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Pulegone | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Geraniol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Geranyl_Acetate | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-Cedrene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| b-Caryophyllene | 814000 | 796000 | 192 | µg/g | 2% | < 20 | |
| a-Humulene | 52200 | 52100 | 192 | µg/g | 0% | < 20 | |
| Valnene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| cis-Nerolidol | 1310 | 1310 | 192 | µg/g | 0% | < 20 | |
| a-Farnesene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| trans-Nerolidol | 2230 | 2240 | 192 | µg/g | 0% | < 20 | |
| Caryophyllene_Oxide | 1490 | 1510 | 192 | µg/g | 1% | < 20 | |
| Guaiol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Cedrol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-Bisabolol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |

Definitions

RPD Relative Percent Difference



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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

Laboratory Quality Control Results

| Residual Solvents | | | | Batch ID: 2300609 | | | | | |
|---------------------|--------|-------|-------|---------------------------|-------|-------|-------|--------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes |
| Propane | ND | < 200 | | 594 | 572 | µg/g | 103.8 | 60 | - 120 |
| Isobutane | ND | < 200 | | 683 | 731 | µg/g | 93.4 | 60 | - 120 |
| Butane | ND | < 200 | | 673 | 731 | µg/g | 92.1 | 60 | - 120 |
| 2,2-Dimethylpropane | ND | < 200 | | 901 | 938 | µg/g | 96.3 | 60 | - 120 |
| Methanol | ND | < 200 | | 1630 | 1620 | µg/g | 100.6 | 60 | - 120 |
| Ethylene Oxide | ND | < 30 | | 55.3 | 56.2 | µg/g | 98.4 | 60 | - 120 |
| 2-Methylbutane | ND | < 200 | | 1430 | 1610 | µg/g | 88.8 | 60 | - 120 |
| Pentane | ND | < 200 | | 1440 | 1600 | µg/g | 90.0 | 60 | - 120 |
| Ethanol | ND | < 200 | | 1320 | 1610 | µg/g | 82.0 | 70 | - 130 |
| Ethyl Ether | ND | < 200 | | 1490 | 1630 | µg/g | 91.4 | 60 | - 120 |
| 2,2-Dimethylbutane | ND | < 30 | | 163 | 171 | µg/g | 95.3 | 60 | - 120 |
| Acetone | ND | < 200 | | 1530 | 1630 | µg/g | 93.9 | 60 | - 120 |
| 2-Propanol | ND | < 200 | | 1620 | 1620 | µg/g | 100.0 | 60 | - 120 |
| Acetonitrile | ND | < 100 | | 448 | 498 | µg/g | 90.0 | 60 | - 120 |
| 2,3-Dimethylbutane | ND | < 30 | | 157 | 171 | µg/g | 91.8 | 60 | - 120 |
| Dichloromethane | ND | < 60 | | 452 | 483 | µg/g | 93.6 | 60 | - 120 |
| 2-Methylpentane | ND | < 30 | | 156 | 168 | µg/g | 92.9 | 60 | - 120 |
| 3-Methylpentane | ND | < 30 | | 142 | 167 | µg/g | 85.0 | 60 | - 120 |
| Hexane | ND | < 30 | | 211 | 182 | µg/g | 115.9 | 60 | - 120 |
| Ethyl acetate | ND | < 200 | | 1560 | 1610 | µg/g | 96.9 | 60 | - 120 |
| 2-Butanol | ND | < 200 | | 1540 | 1600 | µg/g | 96.3 | 60 | - 120 |
| Tetrahydrofuran | ND | < 100 | | 410 | 483 | µg/g | 84.9 | 60 | - 120 |
| Cyclohexane | ND | < 200 | | 1620 | 1610 | µg/g | 100.6 | 60 | - 120 |
| Benzene | ND | < 1 | | 4.55 | 5.02 | µg/g | 90.6 | 60 | - 120 |
| Isopropyl Acetate | ND | < 200 | | 1570 | 1620 | µg/g | 96.9 | 60 | - 120 |
| Heptane | ND | < 200 | | 1710 | 1610 | µg/g | 106.2 | 60 | - 120 |
| 1,4-Dioxane | ND | < 100 | | 504 | 491 | µg/g | 102.6 | 60 | - 120 |
| 2-Ethoxyethanol | ND | < 30 | | 148 | 181 | µg/g | 81.8 | 60 | - 120 |
| Ethylene Glycol | ND | < 200 | | 452 | 484 | µg/g | 93.4 | 60 | - 120 |
| Toluene | ND | < 100 | | 431 | 485 | µg/g | 88.9 | 60 | - 120 |
| Ethylbenzene | ND | < 200 | | 902 | 969 | µg/g | 93.1 | 60 | - 120 |
| m,p-Xylene | ND | < 200 | | 898 | 994 | µg/g | 90.3 | 60 | - 120 |
| o-Xylene | ND | < 200 | | 833 | 967 | µg/g | 86.1 | 60 | - 120 |
| Cumene | ND | < 30 | | 136 | 171 | µg/g | 79.5 | 60 | - 120 |



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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

QC - Sample Duplicate Sample ID: 22-015761-0001

| 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 | |
| Pertane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Ethanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Ether | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylbutane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Acetone | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Propanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Acetonitrile | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| 2,3-Dimethylbutane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Dichloromethane | ND | ND | 60 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylpentane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methylpentane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Hexane | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl acetate | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Butanol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Tetrahydrofuran | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| Cyclohexane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Benzene | ND | ND | 1 µg/g | 0.0 | < 20 | Acceptable | |
| Isopropyl Acetate | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Heptane | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| 1,4-Dioxane | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| 2-Ethoxyethanol | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Glycol | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Toluene | ND | ND | 100 µg/g | 0.0 | < 20 | Acceptable | |
| Ethylbenzene | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| m,p-Xylene | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| o-Xylene | ND | ND | 200 µg/g | 0.0 | < 20 | Acceptable | |
| Cumene | ND | ND | 30 µg/g | 0.0 | < 20 | Acceptable | |

Abbreviations

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

Units of Measure:

µg/g- Microgram per gram or ppm



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00



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

Report Number: 23-000599/D003.R000
Report Date: 01/20/2023
ORELAP#: OR100028
Purchase Order:
Received: 01/13/23 17:00

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. |