



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

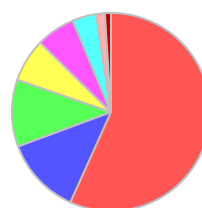
Report Number: 21-007024/D004.R000
Report Date: 07/12/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/24/21 13:30



Customer: Anthem Hemp
 United States of America (USA)
Product identity: CRD b# 5215 Primary
Client/Metric ID: .
Sample Date: 06/24/21
Laboratory ID: 21-007024-0001
Temp: 21.2 °C
Evidence of Cooling: No
Grower: AG-R1065475IHH

Sample Results

| Potency | Method J AOAC 2015 V98-6 (mod) | | Units % | Batch: 2105746 | Analyze: 6/29/21 12:23:00 AM |
|----------------------------|--------------------------------|------------|---------|----------------|------------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes | |
| CBC | 9.73 | | 0.0870 | | |
| CBC-A† | < LOQ | | 0.0870 | | |
| CBC-Total† | 9.73 | | 0.163 | | |
| CBD | 43.7 | | 0.870 | | |
| CBD-A | < LOQ | | 0.0870 | | |
| CBD-Total | 43.7 | | 0.947 | | |
| CBDV† | 1.06 | | 0.0870 | | |
| CBDV-A† | < LOQ | | 0.0870 | | |
| CBDV-Total† | 1.06 | | 0.162 | | |
| CBE† | 4.89 | | 0.0870 | | |
| CBG† | 3.04 | | 0.0870 | | |
| CBG-A† | < LOQ | | 0.0870 | | |
| CBG-Total | 3.04 | | 0.162 | | |
| CBL† | 0.761 | | 0.0870 | | |
| CBL-A† | < LOQ | | 0.0870 | | |
| CBL-Total† | 0.761 | | 0.163 | | |
| CBN | 5.45 | | 0.0870 | | |
| CBT† | 8.42 | | 0.0870 | | |
| Δ8-THC† | < LOQ | | 0.0870 | | |
| Δ8-THCV | < LOQ | | 0.0870 | | |
| Δ9-THC | < LOQ | | 0.0870 | | |
| THC-A | < LOQ | | 0.0870 | | |
| THC-Total | < LOQ | | 0.163 | | |
| THCV† | < LOQ | | 0.0870 | | |
| THCV-A† | < LOQ | | 0.0870 | | |
| THCV-Total† | < LOQ | | 0.162 | | |
| Total Cannabinoids† | 77.1 | | | | |



- CBD
- CBC
- CBT
- CBN
- CBE
- CBG
- CBDV
- CBL



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| Solvents | | | | | | Residual Solvents by GC/MS | | | | | Units µg/g | | Batch 2106039 | | Analyze 07/08/21 02:35 PM | | | |
|--------------------|--------|--------|-------|--------|-------|----------------------------|--------|--------|------|--------|------------|--|---------------|--|---------------------------|--|--|--|
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes | | | | | | | |
| 1,4-Dioxane | < LOQ | 380 | 40.0 | pass | | 2-Butanol | < LOQ | 5000 | 526 | pass | | | | | | | | |
| 2-Ethoxyethanol | < LOQ | 160 | 16.8 | pass | | 2-Methylbutane | < LOQ | | 526 | | | | | | | | | |
| 2-Methylpentane | < LOQ | | 30.5 | | | 2-Propanol (IPA) | < LOQ | 5000 | 526 | pass | | | | | | | | |
| 2,2-Dimethylbutane | < LOQ | | 30.5 | | | 2,2-Dimethylpropane | < LOQ | | 526 | | | | | | | | | |
| 2,3-Dimethylbutane | < LOQ | | 30.5 | | | 3-Methylpentane | < LOQ | | 30.5 | | | | | | | | | |
| Acetone | < LOQ | 5000 | 526 | pass | | Acetonitrile | < LOQ | 410 | 43.1 | pass | | | | | | | | |
| Benzene | < LOQ | 2.00 | 0.210 | pass | | Butanes (sum) | < LOQ | 5000 | 526 | pass | | | | | | | | |
| Cyclohexane | < LOQ | 3880 | 408 | pass | | Ethyl acetate | < LOQ | 5000 | 526 | pass | | | | | | | | |
| Ethyl benzene | < LOQ | | 228 | | | Ethyl ether | < LOQ | 5000 | 526 | pass | | | | | | | | |
| Ethylene glycol | < LOQ | 620 | 65.2 | pass | | Ethylene oxide | < LOQ | 50.0 | 5.26 | pass | | | | | | | | |
| Hexanes (sum) | < LOQ | 290 | 30.5 | pass | | Isopropyl acetate | < LOQ | 5000 | 526 | pass | | | | | | | | |
| Isopropylbenzene | < LOQ | 70.0 | 7.36 | pass | | m,p-Xylene | < LOQ | | 228 | | | | | | | | | |
| Methanol | < LOQ | 3000 | 316 | pass | | Methylene chloride | < LOQ | 600 | 63.1 | pass | | | | | | | | |
| Methylpropane | < LOQ | | 526 | | | n-Butane | < LOQ | | 526 | | | | | | | | | |
| n-Heptane | < LOQ | 5000 | 526 | pass | | n-Hexane | < LOQ | | 30.5 | | | | | | | | | |
| n-Pentane | < LOQ | | 526 | | | o-Xylene | < LOQ | | 228 | | | | | | | | | |
| Pentanes (sum) | < LOQ | 5000 | 526 | pass | | Propane | < LOQ | 5000 | 526 | pass | | | | | | | | |
| Tetrahydrofuran | < LOQ | 720 | 75.7 | pass | | Toluene | < LOQ | 890 | 93.6 | pass | | | | | | | | |
| Total Xylenes | < LOQ | | 228 | | | Total Xylenes and Ethyl | < LOQ | 2170 | 228 | pass | | | | | | | | |



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| Pesticides | | | | | | | | | | | |
|--|--------|--------|-------|--------|-------|---------------------|--------|--------|-------|--------|-------|
| Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2105779 Analyze 06/30/21 09:37 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 | | Paclbutrazole | < 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 | | | | | | | |



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Received: 06/24/21 13:30



Customer: Anthem Hemp
 United States of America (USA)
Product identity: CRD b# 5215 Dup
Client/Metric ID: .
Sample Date: 06/24/21
Laboratory ID: 21-007024-0002
Temp: 21.2 °C
Evidence of Cooling: No
Grower: AG-R1065475IHH

Sample Results

| Potency | Method J AOAC 2015 V98-6 (mod) | | Units % | Batch: 2105746 | Analyze: 6/29/21 12:34:00 AM |
|----------------------------|--------------------------------|------------|---------|----------------|------------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes | |
| CBC | 9.65 | | 0.0930 | | |
| CBC-A† | < LOQ | | 0.0930 | | |
| CBC-Total† | 9.65 | | 0.175 | | |
| CBD | 43.6 | | 0.930 | | |
| CBD-A | < LOQ | | 0.0930 | | |
| CBD-Total | 43.6 | | 1.01 | | |
| CBDV† | 1.06 | | 0.0930 | | |
| CBDV-A† | < LOQ | | 0.0930 | | |
| CBDV-Total† | 1.06 | | 0.174 | | |
| CBE† | 4.86 | | 0.0930 | | |
| CBG† | 3.06 | | 0.0930 | | |
| CBG-A† | < LOQ | | 0.0930 | | |
| CBG-Total | 3.06 | | 0.174 | | |
| CBL† | 0.991 | | 0.0930 | | |
| CBL-A† | < LOQ | | 0.0930 | | |
| CBL-Total† | 0.991 | | 0.175 | | |
| CBN | 5.47 | | 0.0930 | | |
| CBT† | 8.41 | | 0.0930 | | |
| Δ8-THC† | < LOQ | | 0.0930 | | |
| Δ8-THCV | < LOQ | | 0.0930 | | |
| Δ9-THC | < LOQ | | 0.0930 | | |
| THC-A | < LOQ | | 0.0930 | | |
| THC-Total | < LOQ | | 0.175 | | |
| THCV† | < LOQ | | 0.0930 | | |
| THCV-A† | < LOQ | | 0.0930 | | |
| THCV-Total† | < LOQ | | 0.174 | | |
| Total Cannabinoids† | 77.1 | | | | |



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Received: 06/24/21 13:30

| Solvents | | | | | | Residual Solvents by GC/MS | | | | | | Units µg/g | | Batch 2106039 | | Analyze 07/08/21 02:35 PM | | | |
|--------------------|--------|--------|-------|--------|-------|----------------------------|--------|--------|------|--------|-------|------------|--|---------------|--|---------------------------|--|--|--|
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes | | | | | | | | |
| 1,4-Dioxane | < LOQ | 380 | 40.0 | pass | | 2-Butanol | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| 2-Ethoxyethanol | < LOQ | 160 | 16.8 | pass | | 2-Methylbutane | < LOQ | | 526 | | | | | | | | | | |
| 2-Methylpentane | < LOQ | | 30.5 | | | 2-Propanol (IPA) | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| 2,2-Dimethylbutane | < LOQ | | 30.5 | | | 2,2-Dimethylpropane | < LOQ | | 526 | | | | | | | | | | |
| 2,3-Dimethylbutane | < LOQ | | 30.5 | | | 3-Methylpentane | < LOQ | | 30.5 | | | | | | | | | | |
| Acetone | < LOQ | 5000 | 526 | pass | | Acetonitrile | < LOQ | 410 | 43.1 | pass | | | | | | | | | |
| Benzene | < LOQ | 2.00 | 0.210 | pass | | Butanes (sum) | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| Cyclohexane | < LOQ | 3880 | 408 | pass | | Ethyl acetate | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| Ethyl benzene | < LOQ | | 228 | | | Ethyl ether | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| Ethylene glycol | < LOQ | 620 | 65.2 | pass | | Ethylene oxide | < LOQ | 50.0 | 5.26 | pass | | | | | | | | | |
| Hexanes (sum) | < LOQ | 290 | 30.5 | pass | | Isopropyl acetate | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| Isopropylbenzene | < LOQ | 70.0 | 7.36 | pass | | m,p-Xylene | < LOQ | | 228 | | | | | | | | | | |
| Methanol | < LOQ | 3000 | 316 | pass | | Methylene chloride | < LOQ | 600 | 63.1 | pass | | | | | | | | | |
| Methylpropane | < LOQ | | 526 | | | n-Butane | < LOQ | | 526 | | | | | | | | | | |
| n-Heptane | < LOQ | 5000 | 526 | pass | | n-Hexane | < LOQ | | 30.5 | | | | | | | | | | |
| n-Pentane | < LOQ | | 526 | | | o-Xylene | < LOQ | | 228 | | | | | | | | | | |
| Pentanes (sum) | < LOQ | 5000 | 526 | pass | | Propane | < LOQ | 5000 | 526 | pass | | | | | | | | | |
| Tetrahydrofuran | < LOQ | 720 | 75.7 | pass | | Toluene | < LOQ | 890 | 93.6 | pass | | | | | | | | | |
| Total Xylenes | < LOQ | | 228 | | | Total Xylenes and Ethyl | < LOQ | 2170 | 228 | pass | | | | | | | | | |



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| Pesticides | | | | | | | | | | | |
|--|--------|--------|-------|--------|-------|---------------------|--------|--------|-------|--------|-------|
| Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2105779 Analyze 06/30/21 09:37 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 | | | | | | | |

Notes:

Residual solvents analysis performed by SC Labs, Oregon



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Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

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

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



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**Statistical Analysis:
 CRD b# 5215**

| | Analysis mg/g | | | | | | |
|---------------------|---------------|--------|-----------|-------|--------|--------|-----------|
| | CBD | CBD-A | CBD-Total | CBN | THC | THC-A | THC-Total |
| 21-007024-0001 | 437 | < 0.87 | 437 | 54.5 | < 0.87 | < 0.87 | < 1.63 |
| 21-007024-0002 | 436 | < 0.93 | 436 | 54.7 | < 0.93 | < 0.93 | < 1.75 |
| Average mg/g | 436.5 | n/a | 436.5 | 54.6 | n/a | n/a | n/a |
| Stdev | 0.500 | 0.000 | 0.500 | 0.100 | 0.000 | 0.000 | 0.000 |
| %RPD | 0.2% | 0.0% | 0.2% | 0.4% | 0.0% | 0.0% | 0.0% |
| Pass/Fail (<15%RPD) | n/a | n/a | n/a | n/a | n/a | n/a | Pass |



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Received: 06/24/21 13:30



Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2105476

| Laboratory Control Sample | | | | | | | |
|---------------------------|--------|-------|-------|-------|------------|------------|-------|
| Analyte | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
| CBDA | 0.191 | 0.2 | % | 95.7 | 85.0 - 115 | Acceptable | |
| CBV | 0.210 | 0.2 | % | 105 | 85.0 - 115 | Acceptable | |
| CBF | 0.198 | 0.2 | % | 99.1 | 85.0 - 115 | Acceptable | |
| CBDA | 0.204 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| CBGA | 0.194 | 0.2 | % | 97.2 | 85.0 - 115 | Acceptable | |
| CBG | 0.205 | 0.2 | % | 103 | 85.0 - 115 | Acceptable | |
| CB | 0.199 | 0.2 | % | 99.7 | 85.0 - 115 | Acceptable | |
| THCV | 0.208 | 0.2 | % | 104 | 85.0 - 115 | Acceptable | |
| d8THCV | 0.193 | 0.2 | % | 96.4 | 85.0 - 115 | Acceptable | |
| THCVA | 0.187 | 0.2 | % | 93.6 | 85.0 - 115 | Acceptable | |
| CBN | 0.209 | 0.2 | % | 105 | 85.0 - 115 | Acceptable | |
| exo-THC | 0.191 | 0.2 | % | 95.6 | 85.0 - 115 | Acceptable | |
| d8THC | 0.211 | 0.2 | % | 105 | 85.0 - 115 | Acceptable | |
| d8THC | 0.191 | 0.2 | % | 95.6 | 85.0 - 115 | Acceptable | |
| CBL | 0.190 | 0.2 | % | 95.0 | 85.0 - 115 | Acceptable | |
| CBG | 0.205 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| THCA | 0.192 | 0.2 | % | 96.2 | 85.0 - 115 | Acceptable | |
| CBCA | 0.188 | 0.2 | % | 93.9 | 85.0 - 115 | Acceptable | |
| CBLA | 0.196 | 0.2 | % | 97.9 | 85.0 - 115 | Acceptable | |
| CBF | 0.202 | 0.2 | % | 101 | 85.0 - 115 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|-----|-------|--------|------------|-------|
| CBDA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBV | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBF | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBDA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBGA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBG | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CB | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THCV | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| d8THCV | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THCVA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBN | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| exo-THC | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| d8THC | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| d8THC | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBL | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBG | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THCA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBCA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBLA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBF | <LOQ | 0.1 | % | < 0.1 | Acceptable | |

Abbreviations

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

Units of Measure:

% - Percent



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



Report Number: 21-007024/D004.R000
Report Date: 07/12/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/24/21 13:30

Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

| JAOAC2015 V986 | | Batch ID: 2105476 | | | | | | |
|------------------|--------|---------------------------|-----|-------|------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 21-004627-0003 | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDA | 0.272 | 0.277 | 0.1 | % | 2.05 | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDA | >98.0 | >98.0 | 0.1 | % | NA | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBN | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| d9THC | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBC | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBF | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

Units of Measure

%- Percent



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



Report Number: 21-007024/D004.R000
Report Date: 07/12/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/24/21 13:30

Revision: 1.00 Control: CFL-C21
 Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | Batch ID: 2105779 | | | | |
|------------------------|--------------|---------------------------|-------|-------------------|-----------|-----------|------------|-------|
| Method Blank | | Laboratory Control Sample | | | | | | |
| Analyte | Blank Result | Blank Limits | Notes | LCS Result | LCS Spike | LCS % Rec | Limits | Notes |
| | 0.000 | < 0.250 | | 1.028 | 1.000 | 102.8 | 68.5 - 127 | |
| Acephate | 0.000 | < 1.000 | | 3.206 | 4.000 | 80.1 | 68.4 - 127 | |
| Acequinocyl | 0.000 | < 0.100 | | 0.397 | 0.400 | 99.1 | 69.2 - 128 | |
| Acetamiprid | 0.000 | < 0.200 | | 0.805 | 0.800 | 100.6 | 70.3 - 131 | |
| Aldicarb | 0.000 | < 0.250 | | 0.983 | 1.000 | 98.3 | 69.1 - 128 | |
| Abamectin | 0.000 | < 0.100 | | 0.394 | 0.400 | 98.4 | 68.9 - 128 | |
| Azoxystrobin | 0.000 | < 0.100 | | 0.433 | 0.400 | 108.2 | 71.3 - 132 | |
| Bifenazate | 0.000 | < 0.100 | | 0.384 | 0.400 | 96.0 | 68.8 - 128 | |
| Bifenthrin | 0.000 | < 0.200 | | 0.796 | 0.800 | 99.5 | 69.1 - 128 | |
| Boscalid | 0.000 | < 0.100 | | 0.390 | 0.400 | 97.6 | 68.8 - 128 | |
| Carbaryl | 0.000 | < 0.100 | | 0.388 | 0.400 | 97.0 | 70.6 - 131 | |
| Carbofuran | 0.000 | < 0.100 | | 0.342 | 0.400 | 85.5 | 70.5 - 131 | |
| Chlorantraniliprol | 0.000 | < 0.500 | | 2.113 | 2.000 | 105.7 | 68.1 - 127 | |
| Chlorfenapyr | 0.000 | < 0.100 | | 0.392 | 0.400 | 97.9 | 68.3 - 127 | |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.390 | 0.400 | 97.4 | 68.7 - 128 | |
| Clofentezine | 0.000 | < 0.500 | | 1.991 | 2.000 | 99.6 | 69.9 - 130 | |
| Cyfluthrin | 0.000 | < 0.500 | | 1.973 | 2.000 | 98.6 | 69.3 - 129 | |
| Cypermethrin | 0.028 | < 0.500 | | 1.843 | 2.000 | 92.2 | 71.1 - 132 | |
| Daminozide | 0.000 | < 0.100 | | 0.389 | 0.400 | 97.1 | 68.6 - 127 | |
| Diazinon | 0.000 | < 0.500 | | 1.942 | 2.000 | 97.1 | 66.8 - 124 | |
| Dichlorvos | 0.000 | < 0.100 | | 0.390 | 0.400 | 97.5 | 69.2 - 128 | |
| Dimethoat | 0.000 | < 0.100 | | 0.374 | 0.400 | 93.6 | 68.2 - 127 | |
| Ethoprophos | 0.000 | < 0.200 | | 0.741 | 0.800 | 92.6 | 68.7 - 128 | |
| Etofenprox | 0.000 | < 0.100 | | 0.398 | 0.400 | 99.6 | 68.0 - 126 | |
| Etoxazol | 0.000 | < 0.100 | | 0.377 | 0.400 | 94.4 | 68.8 - 128 | |
| Fenoxycarb | 0.000 | < 0.200 | | 0.757 | 0.800 | 94.6 | 68.6 - 127 | |
| Fenpyroximat | 0.000 | < 0.200 | | 0.793 | 0.800 | 99.1 | 70.4 - 131 | |
| Fipronil | 0.000 | < 0.250 | | 0.984 | 1.000 | 98.4 | 69.2 - 129 | |
| Flonicamid | 0.000 | < 0.200 | | 0.781 | 0.800 | 97.6 | 70.0 - 130 | |
| Fludoxonil | 0.000 | < 0.250 | | 0.957 | 1.000 | 95.7 | 67.8 - 126 | |
| Hexythiazox | 0.000 | < 0.100 | | 0.375 | 0.400 | 93.8 | 71.5 - 133 | |
| Imazalil | 0.000 | < 0.200 | | 0.786 | 0.800 | 98.3 | 68.2 - 127 | |
| Imidacloprid | 0.000 | < 0.200 | | 0.783 | 0.800 | 97.9 | 69.3 - 129 | |
| Kresoxim-Methyl | 0.000 | < 0.100 | | 0.396 | 0.400 | 98.9 | 68.5 - 127 | |
| Malathion | 0.000 | < 0.100 | | 0.392 | 0.400 | 98.1 | 69.0 - 128 | |
| Metaxalyl | 0.000 | < 0.100 | | 0.385 | 0.400 | 96.2 | 68.3 - 127 | |
| Methiocarb | 0.000 | < 0.200 | | 0.741 | 0.800 | 92.7 | 68.9 - 128 | |
| Methomyl | 0.000 | < 0.100 | | 0.361 | 0.400 | 90.3 | 68.2 - 127 | |
| MVG 264 | 0.000 | < 0.100 | | 0.387 | 0.400 | 96.6 | 68.9 - 128 | |
| Myclobutanil | 0.000 | < 0.250 | | 0.980 | 1.000 | 98.0 | 69.9 - 130 | |
| Naled | 0.000 | < 0.500 | | 1.859 | 2.000 | 93.0 | 69.4 - 129 | |
| Oxamyl | 0.000 | < 0.200 | | 0.753 | 0.800 | 94.1 | 69.5 - 129 | |
| Paclobutrazol | 0.000 | < 0.200 | | 0.665 | 0.800 | 83.1 | 69.7 - 129 | |
| Parathion Methyl | 0.000 | < 0.100 | | 0.393 | 0.400 | 98.2 | 69.3 - 129 | |
| Permethrin | 0.000 | < 0.100 | | 0.385 | 0.400 | 96.3 | 68.3 - 127 | |
| Phosmet | 0.000 | < 0.500 | | 1.921 | 2.000 | 96.0 | 68.8 - 128 | |
| Piperonyl butoxide | 0.000 | < 0.100 | | 0.401 | 0.400 | 100.1 | 69.2 - 128 | |
| Prallethrin | 0.000 | < 0.200 | | 0.790 | 0.800 | 98.7 | 68.8 - 128 | |
| Propiconazole | 0.003 | < 0.100 | | 0.381 | 0.400 | 95.2 | 68.3 - 127 | |
| Propoxur | 0.000 | < 0.100 | | 0.404 | 0.413 | 97.9 | 66.5 - 123 | |
| Pyrethrins | 0.000 | < 0.100 | | 0.385 | 0.400 | 96.2 | 68.4 - 127 | |
| Pyridaben | 0.000 | < 0.100 | | 0.380 | 0.388 | 98.0 | 72.0 - 134 | |
| Spinosad | 0.000 | < 0.100 | | 0.401 | 0.400 | 100.4 | 69.2 - 129 | |
| Spiromesifen | 0.000 | < 0.100 | | 0.399 | 0.400 | 99.8 | 68.8 - 128 | |
| Spirotetramat | 0.000 | < 0.200 | | 0.786 | 0.800 | 98.2 | 67.3 - 125 | |
| Spiroxamine | 0.000 | < 0.200 | | 0.768 | 0.800 | 96.0 | 69.1 - 128 | |
| Tebuconazol | 0.000 | < 0.100 | | 0.378 | 0.400 | 94.5 | 68.4 - 127 | |
| Thiadoprid | 0.000 | < 0.100 | | 0.358 | 0.400 | 89.4 | 69.2 - 129 | |
| Thiamethoxam | 0.000 | < 0.100 | | 0.401 | 0.400 | 100.2 | 68.5 - 127 | |
| Trifloxystrobin | 0.000 | < 0.100 | | | | | | |



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Received: 06/24/21 13:30



Revision: 1.00 Control: CFL-C21
Revised: 08/12/2019 Effective: 08/15/2019

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | | | | Batch ID: 2105779 | | | | |
|--|--------|---------------------------|---------|-------|-------|-------|-------------------|-----------|----------|-------|--|
| Matrix Spike/Matrix Spike Duplicate Recoveries | | Sample ID: 21-007024-0001 | | | | | | | | | |
| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | MS % Rec | MSD % Rec | Limits | Notes | |
| Accephate | 0.000 | 0.890 | 0.998 | 1.000 | 11.4% | < 30 | 89.0% | 99.8% | 50 - 150 | | |
| Acetaminophen | 0.000 | 4.780 | 4.616 | 4.000 | 3.5% | < 30 | 119.5% | 115.4% | 50 - 150 | | |
| Acetamiprid | 0.000 | 0.330 | 0.335 | 0.400 | 1.6% | < 30 | 82.6% | 83.9% | 50 - 150 | | |
| Aldicarb | 0.000 | 0.732 | 0.764 | 0.800 | 4.3% | < 30 | 91.5% | 95.5% | 50 - 150 | | |
| Abamectin | 0.000 | 0.812 | 0.839 | 1.000 | 3.4% | < 30 | 81.2% | 83.9% | 50 - 150 | | |
| Azoxystrobin | 0.000 | 0.248 | 0.263 | 0.400 | 6.0% | < 30 | 61.9% | 65.7% | 50 - 150 | | |
| Bifenazate | 0.000 | 0.368 | 0.354 | 0.400 | 3.8% | < 30 | 91.9% | 88.5% | 50 - 150 | | |
| Bifenthrin | 0.000 | 0.121 | 0.126 | 0.400 | 3.5% | < 30 | 30.3% | 31.4% | 50 - 150 | Q | |
| Boscalid | 0.000 | 0.628 | 0.691 | 0.800 | 9.5% | < 30 | 78.5% | 86.4% | 50 - 150 | | |
| Carbaryl | 0.000 | 0.250 | 0.267 | 0.400 | 6.8% | < 30 | 62.4% | 66.8% | 50 - 150 | | |
| Carbofuran | 0.000 | 0.246 | 0.242 | 0.400 | 1.4% | < 30 | 61.4% | 60.5% | 50 - 150 | | |
| Chlorantraniliprol | 0.000 | 0.316 | 0.297 | 0.400 | 6.3% | < 30 | 79.0% | 74.2% | 50 - 150 | | |
| Chlorfenapyr | 0.000 | 1.077 | 1.242 | 2.000 | 14.3% | < 30 | 53.8% | 62.1% | 50 - 150 | | |
| Chlorpyrifos | 0.000 | 0.228 | 0.243 | 0.400 | 6.2% | < 30 | 57.1% | 60.7% | 50 - 150 | | |
| Clofentezine | 0.000 | 0.101 | 0.108 | 0.400 | 6.3% | < 30 | 25.2% | 26.9% | 50 - 150 | Q | |
| Cyfluthrin | 0.000 | 0.498 | 0.583 | 2.000 | 15.6% | < 30 | 24.9% | 29.1% | 30 - 150 | Q | |
| Cypermethrin | 0.000 | 1.128 | 1.235 | 2.000 | 9.1% | < 30 | 56.4% | 61.8% | 50 - 150 | | |
| Daminozide | 0.043 | 1.461 | 1.513 | 2.000 | 3.6% | < 30 | 70.9% | 73.5% | 30 - 150 | | |
| Diazinon | 0.000 | 0.262 | 0.256 | 0.400 | 2.6% | < 30 | 65.6% | 64.0% | 50 - 150 | | |
| Dichlorvos | 0.000 | 1.419 | 1.512 | 2.000 | 6.3% | < 30 | 71.0% | 75.6% | 50 - 150 | | |
| Dimethoat | 0.000 | 0.340 | 0.365 | 0.400 | 7.2% | < 30 | 84.9% | 91.2% | 50 - 150 | | |
| Ethoprophos | 0.020 | 0.296 | 0.301 | 0.400 | 1.8% | < 30 | 68.9% | 70.1% | 50 - 150 | | |
| Etofenprox | 0.000 | 0.523 | 0.560 | 0.800 | 6.9% | < 30 | 65.4% | 70.0% | 50 - 150 | | |
| Etoxazol | 0.007 | 0.285 | 0.291 | 0.400 | 2.1% | < 30 | 69.6% | 71.1% | 50 - 150 | | |
| Fenoxycarb | 0.000 | 0.191 | 0.193 | 0.400 | 1.2% | < 30 | 47.7% | 48.2% | 50 - 150 | Q | |
| Fenpyroximat | 0.000 | 0.533 | 0.543 | 0.800 | 1.8% | < 30 | 66.7% | 67.9% | 50 - 150 | | |
| Fipronil | 0.000 | 0.223 | 0.234 | 0.800 | 4.4% | < 30 | 27.9% | 29.2% | 50 - 150 | Q | |
| Fonicamid | 0.000 | 0.647 | 0.818 | 1.000 | 23.4% | < 30 | 64.7% | 81.8% | 50 - 150 | | |
| Fludioxonil | 0.000 | 1.107 | 1.125 | 0.800 | 1.6% | < 30 | 138.4% | 140.7% | 50 - 150 | | |
| Hexythiazox | 0.000 | 0.117 | 0.124 | 1.000 | 6.1% | < 30 | 11.7% | 12.4% | 50 - 150 | Q | |
| Imazalil | 0.000 | 0.323 | 0.344 | 0.400 | 6.4% | < 30 | 80.7% | 86.0% | 50 - 150 | | |
| Imidacloprid | 0.000 | 0.655 | 0.688 | 0.800 | 4.9% | < 30 | 81.9% | 86.1% | 50 - 150 | | |
| Kresoxim-Methyl | 0.000 | 0.444 | 0.455 | 0.800 | 2.5% | < 30 | 55.5% | 56.9% | 50 - 150 | | |
| Malathion | 0.020 | 0.310 | 0.316 | 0.400 | 1.9% | < 30 | 72.6% | 74.0% | 50 - 150 | | |
| Metaxyl | 0.000 | 0.313 | 0.323 | 0.400 | 3.3% | < 30 | 78.2% | 80.8% | 50 - 150 | | |
| Methiocarb | 0.014 | 0.235 | 0.240 | 0.400 | 2.0% | < 30 | 55.3% | 56.4% | 50 - 150 | | |
| Methomyl | 0.000 | 0.719 | 0.774 | 0.800 | 7.4% | < 30 | 89.9% | 96.8% | 50 - 150 | | |
| MGK 264 | 0.000 | 0.078 | 0.082 | 0.400 | 5.8% | < 30 | 19.4% | 20.6% | 50 - 150 | Q | |
| Myclobutanil | 0.000 | 0.349 | 0.341 | 0.400 | 2.4% | < 30 | 87.2% | 85.2% | 50 - 150 | | |
| Naled | 0.000 | 0.528 | 0.558 | 1.000 | 5.5% | < 30 | 52.8% | 55.8% | 50 - 150 | | |
| Oxamyl | 0.000 | 1.853 | 1.981 | 2.000 | 6.7% | < 30 | 92.6% | 99.0% | 50 - 150 | | |
| Paclobutrazol | 0.007 | 0.495 | 0.513 | 0.800 | 3.6% | < 30 | 61.0% | 63.2% | 50 - 150 | | |
| Parathion Methyl | 0.000 | 0.807 | 0.675 | 0.800 | 17.8% | < 30 | 100.8% | 84.4% | 30 - 150 | | |
| Permethrin | 0.000 | 0.254 | 0.273 | 0.400 | 7.1% | < 30 | 63.5% | 68.3% | 50 - 150 | | |
| Phosmet | 0.000 | 0.272 | 0.274 | 0.400 | 1.0% | < 30 | 67.9% | 68.6% | 50 - 150 | | |
| Piperonyl butoxide | 0.000 | 1.850 | 1.840 | 2.000 | 0.6% | < 30 | 92.5% | 92.0% | 50 - 150 | | |
| Prallethrin | 0.000 | 0.845 | 0.747 | 0.400 | 12.3% | < 30 | 211.2% | 186.7% | 50 - 150 | Q1 | |
| Propiconazole | 0.000 | 0.538 | 0.561 | 0.800 | 4.1% | < 30 | 67.3% | 70.1% | 50 - 150 | | |
| Propoxur | 0.000 | 0.327 | 0.345 | 0.400 | 5.2% | < 30 | 81.9% | 86.2% | 50 - 150 | | |
| Pyrethrins | 0.000 | 0.282 | 0.284 | 0.413 | 0.6% | < 30 | 68.3% | 68.7% | 50 - 150 | | |
| Pyridaben | 0.000 | 0.286 | 0.282 | 0.400 | 1.3% | < 30 | 71.4% | 70.5% | 50 - 150 | | |
| Spinosad | 0.000 | 0.282 | 0.295 | 0.388 | 4.5% | < 30 | 72.6% | 75.9% | 50 - 150 | | |
| Spiromesifen | 0.019 | 0.271 | 0.286 | 0.400 | 5.9% | < 30 | 63.0% | 66.8% | 50 - 150 | | |
| Spirotetramat | 0.000 | 0.485 | 0.474 | 0.400 | 2.2% | < 30 | 121.1% | 118.5% | 50 - 150 | | |
| Spiroxamine | 0.000 | 0.654 | 0.669 | 0.800 | 2.3% | < 30 | 81.7% | 83.6% | 50 - 150 | | |
| Tebuconazol | 0.000 | 0.475 | 0.468 | 0.800 | 1.5% | < 30 | 59.3% | 58.5% | 50 - 150 | | |
| Thiadoprid | 0.000 | 0.307 | 0.309 | 0.400 | 0.5% | < 30 | 76.8% | 77.3% | 50 - 150 | | |
| Thiamethoxam | 0.000 | 0.355 | 0.378 | 0.400 | 6.3% | < 30 | 88.8% | 94.6% | 50 - 150 | | |
| Trifloxystrobin | 0.000 | 0.256 | 0.270 | 0.400 | 5.3% | < 30 | 64.1% | 67.6% | 50 - 150 | | |



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Report Number: 21-007024/D004.R000
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Received: 06/24/21 13:30



Analytical Results

SC Laboratories Oregon LLC
ORELAP# 4133/OLCC# 1004748743D
15865 SW 74th Ave Suite 110, Tigard, OR
503-272-8830
www.sclabs.com

**Quality Control
Solvent Analysis**

Batch: B 211878 - Residual Solvent Prep

| Blank(B 211878-BLK1) | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 17:13 | | | | | | |
|--------------------------------------|--------|--|-------------|---------------|------|-------------|-----|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 1,4-Dioxane | < LOQ | ug/g | | | | | | |
| 2-Butanol | < LOQ | ug/g | | | | | | |
| 2-Ethoxyethanol | < LOQ | ug/g | | | | | | |
| 2-Propanol (IPA) | < LOQ | ug/g | | | | | | |
| Acetone | < LOQ | ug/g | | | | | | |
| Acetonitrile | < LOQ | ug/g | | | | | | |
| Benzene | < LOQ | ug/g | | | | | | |
| Butanes | < LOQ | ug/g | | | | | | |
| Cyclohexane | < LOQ | ug/g | | | | | | |
| Dichloromethane (methylene chloride) | < LOQ | ug/g | | | | | | |
| Ethyl acetate | < LOQ | ug/g | | | | | | |
| Ethyl ether | < LOQ | ug/g | | | | | | |
| Ethylbenzene | < LOQ | ug/g | | | | | | |
| Ethylene glycol | < LOQ | ug/g | | | | | | |
| Ethylene oxide | < LOQ | ug/g | | | | | | |
| Heptane | < LOQ | ug/g | | | | | | |
| Hexanes | < LOQ | ug/g | | | | | | |
| Isopropyl acetate | < LOQ | ug/g | | | | | | |
| Isopropylbenzene (cumene) | < LOQ | ug/g | | | | | | |
| Methanol | < LOQ | ug/g | | | | | | |
| Pentanes | < LOQ | ug/g | | | | | | |
| Propane | < LOQ | ug/g | | | | | | |
| Tetrahydrofuran | < LOQ | ug/g | | | | | | |
| Toluene | < LOQ | ug/g | | | | | | |
| Xylenes | < LOQ | ug/g | | | | | | |

| LCS(B211878-BS1) | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 16:09 | | | | | | |
|------------------------------------|--------|--|-------------|---------------|------|-------------|-----|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 1,4-Dioxane | 593 | ug/g | 570 | | 104 | 70-130 | | |
| 2,2-Dimethylbutane | 444 | ug/g | 435 | | 102 | 70-130 | | |
| 2,2-Dimethylpropane (neopentane) | 3930 | ug/g | 3120 | | 126 | 60-140 | | |
| 2-Butanol | 3570 | ug/g | 3500 | | 102 | 70-130 | | |
| 2-Ethoxyethanol | 228 | ug/g | 240 | | 94.9 | 60-140 | | |
| 2-Methylbutane (isopentane) | 4060 | ug/g | 3500 | | 116 | 70-130 | | |
| 2-Methylpentane/2,3-Dimethylbutane | 984 | ug/g | 870 | | 113 | 70-130 | | |

Brian Weigel

Brian Weigel
Lab Director

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

Report Number: 21-007024/D004.R000
Report Date: 07/12/2021
ORELAP#: OR100028
Purchase Order:
Received: 06/24/21 13:30



Analytical Results

SC Laboratories Oregon LLC
ORELAP# 4133/QLCC# 1004748743D
15865 SW 74th Ave Suite 110, Tigard, OR
503-272-8830
www.sclabs.com

Quality Control
Solvent Analysis (Continued)

Batch: B 211878 - Residual Solvent Prep (Continued)

| LCS(B211878-BS1) | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 16:09 | | | | | | |
|--------------------------------------|--------|--|-------------|---------------|------|-------------|-----|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 2-Methylpropane (isobutane) | 3360 | ug/g | 3120 | | 107 | 60-140 | | |
| 2-Propanol (IPA) | 3910 | ug/g | 3500 | | 112 | 70-130 | | |
| 3-Methylpentane | 451 | ug/g | 435 | | 104 | 70-130 | | |
| Acetone | 4470 | ug/g | 3500 | | 128 | 70-130 | | |
| Acetonitrile | 721 | ug/g | 615 | | 117 | 70-130 | | |
| Benzene | 3.42 | ug/g | 3.00 | | 114 | 70-130 | | |
| Cyclohexane | 6620 | ug/g | 5820 | | 114 | 70-130 | | |
| Dichloromethane (methylene chloride) | 1010 | ug/g | 900 | | 113 | 70-130 | | |
| Ethyl acetate | 4190 | ug/g | 3500 | | 120 | 70-130 | | |
| Ethyl ether | 4470 | ug/g | 3500 | | 128 | 70-130 | | |
| Ethylbenzene | 3400 | ug/g | 3250 | | 105 | 70-130 | | |
| Ethylene glycol | 651 | ug/g | 930 | | 70.0 | 60-140 | | |
| Ethylene oxide | 451 | ug/g | 375 | | 120 | 60-140 | | |
| Heptane | 3960 | ug/g | 3500 | | 113 | 70-130 | | |
| Isopropyl acetate | 4140 | ug/g | 3500 | | 118 | 70-130 | | |
| Isopropylbenzene (cumene) | 102 | ug/g | 105 | | 97.3 | 70-130 | | |
| m,p-Xylene | 6980 | ug/g | 6510 | | 107 | 60-140 | | |
| Methanol | 2680 | ug/g | 2500 | | 107 | 70-130 | | |
| n-Butane | 3340 | ug/g | 3120 | | 107 | 60-140 | | |
| n-Hexane | 437 | ug/g | 435 | | 100 | 70-130 | | |
| n-Pentane | 4130 | ug/g | 3500 | | 118 | 70-130 | | |
| Propane | 1100 | ug/g | 1250 | | 87.6 | 60-140 | | |
| Tetrahydrofuran | 1150 | ug/g | 1080 | | 107 | 70-130 | | |
| Toluene | 1370 | ug/g | 1340 | | 102 | 70-130 | | |
| o-Xylene | 3390 | ug/g | 3250 | | 104 | 70-130 | | |

| Matrix Spike(B 211878-MS1) | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 16:31 | | | | | | |
|------------------------------------|--------|--|-------------|---------------|------|-------------|-----|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 1,4-Dioxane | 623 | ug/g | 622 | < LOQ | 100 | 70-130 | | |
| 2,2-Dimethylbutane | 461 | ug/g | 475 | < LOQ | 97.2 | 70-130 | | |
| 2,2-Dimethylpropane (neopentane) | 4180 | ug/g | 3410 | < LOQ | 123 | 60-140 | | |
| 2-Butanol | 3750 | ug/g | 3820 | < LOQ | 98.2 | 70-130 | | |
| 2-Ethoxyethanol | 237 | ug/g | 262 | < LOQ | 90.3 | 60-140 | | |
| 2-Methylbutane (isopentane) | 4310 | ug/g | 3820 | < LOQ | 113 | 70-130 | | |
| 2-Methylpentane/2,3-Dimethylbutane | 1020 | ug/g | 950 | < LOQ | 107 | 70-130 | | |

Brian Weigel

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Analytical Results

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**Quality Control
Solvent Analysis (Continued)**

Batch: B 211878 - Residual Solvent Prep (Continued)

| Matrix Spike(B 211878-MS1) | | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 16:31 | | | | | |
|--------------------------------------|--------|-------|--|---------------|------|-------------|-----|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 2-Methylpropane (isobutane) | 3680 | ug/g | 3410 | < LOQ | 108 | 60-140 | | |
| 2-Propanol (IPA) | 4070 | ug/g | 3820 | < LOQ | 107 | 70-130 | | |
| 3-Methylpentane | 475 | ug/g | 475 | < LOQ | 100 | 70-130 | | |
| Acetone | 4670 | ug/g | 3820 | < LOQ | 122 | 70-130 | | |
| Acetonitrile | 766 | ug/g | 671 | < LOQ | 114 | 70-130 | | |
| Benzene | 3.70 | ug/g | 3.27 | < LOQ | 113 | 70-130 | | |
| Cyclohexane | 7180 | ug/g | 6360 | < LOQ | 113 | 70-130 | | |
| Dichloromethane (methylene chloride) | 1090 | ug/g | 982 | < LOQ | 111 | 70-130 | | |
| Ethyl acetate | 4380 | ug/g | 3820 | < LOQ | 115 | 70-130 | | |
| Ethyl ether | 4750 | ug/g | 3820 | < LOQ | 124 | 70-130 | | |
| Ethylbenzene | 3780 | ug/g | 3550 | < LOQ | 107 | 70-130 | | |
| Ethylene glycol | 752 | ug/g | 1020 | < LOQ | 74.0 | 60-140 | | |
| Ethylene oxide | 482 | ug/g | 409 | < LOQ | 118 | 60-140 | | |
| Heptane | 4290 | ug/g | 3820 | < LOQ | 112 | 70-130 | | |
| Isopropyl acetate | 4300 | ug/g | 3820 | < LOQ | 113 | 70-130 | | |
| Isopropylbenzene (cumene) | 112 | ug/g | 115 | < LOQ | 98.0 | 70-130 | | |
| m,p-Xylene | 7770 | ug/g | 7110 | < LOQ | 109 | 60-140 | | |
| Methanol | 2820 | ug/g | 2730 | < LOQ | 103 | 70-130 | | |
| n-Butane | 3640 | ug/g | 3410 | < LOQ | 107 | 60-140 | | |
| n-Hexane | 462 | ug/g | 475 | < LOQ | 97.4 | 70-130 | | |
| n-Pentane | 4400 | ug/g | 3820 | < LOQ | 115 | 70-130 | | |
| Propane | 1240 | ug/g | 1360 | < LOQ | 90.7 | 60-140 | | |
| Tetrahydrofuran | 1190 | ug/g | 1180 | < LOQ | 101 | 70-130 | | |
| Toluene | 1490 | ug/g | 1460 | < LOQ | 102 | 70-130 | | |
| o-Xylene | 3770 | ug/g | 3550 | < LOQ | 106 | 70-130 | | |

| Matrix Spike Dup(B 211878-MSD1) | | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 | | | | | |
|------------------------------------|--------|-------|--|---------------|------|-------------|------|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 1,4-Dioxane | 546 | ug/g | 562 | < LOQ | 97.3 | 70-130 | 13.1 | 30 |
| 2,2-Dimethylbutane | 406 | ug/g | 429 | < LOQ | 94.8 | 70-130 | 12.7 | 30 |
| 2,2-Dimethylpropane (neopentane) | 3770 | ug/g | 3080 | < LOQ | 123 | 60-140 | 10.3 | 30 |
| 2-Butanol | 3340 | ug/g | 3450 | < LOQ | 96.9 | 70-130 | 11.6 | 30 |
| 2-Ethoxyethanol | 207 | ug/g | 236 | < LOQ | 87.6 | 60-140 | 13.2 | 30 |
| 2-Methylbutane (isopentane) | 3830 | ug/g | 3450 | < LOQ | 111 | 70-130 | 11.7 | 30 |
| 2-Methylpentane/2,3-Dimethylbutane | 904 | ug/g | 857 | < LOQ | 105 | 70-130 | 11.8 | 30 |

Brian Weigel

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Lab Director

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Report Number: 21-007024/D004.R000
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Analytical Results

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ORELAP# 4133/QLCC# 1004748743D
15865 SW 74th Ave Suite 110, Tigard, OR
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Quality Control
Solvent Analysis (Continued)

Batch: B 211878 - Residual Solvent Prep (Continued)

| Matrix Spike Dup(B 211878-MSD1) | | | Extracted - 07/07/21 13:45 Analyzed - 07/07/21 | | | | | |
|--------------------------------------|--------|-------|--|---------------|------|-------------|------|-----------|
| Analyte | Result | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| 2-Methylpropane (isobutane) | 3320 | ug/g | 3080 | < LOQ | 108 | 60-140 | 10.1 | 30 |
| 2-Propanol (IPA) | 3600 | ug/g | 3450 | < LOQ | 104 | 70-130 | 12.5 | 30 |
| 3-Methylpentane | 416 | ug/g | 429 | < LOQ | 97.0 | 70-130 | 13.4 | 30 |
| Acetone | 4130 | ug/g | 3450 | < LOQ | 120 | 70-130 | 12.2 | 30 |
| Acetonitrile | 680 | ug/g | 606 | < LOQ | 112 | 70-130 | 11.8 | 30 |
| Benzene | 3.84 | ug/g | 2.96 | < LOQ | 130 | 70-130 | 3.89 | 30 |
| Cyclohexane | 6310 | ug/g | 5740 | < LOQ | 110 | 70-130 | 12.8 | 30 |
| Dichloromethane (methylene chloride) | 971 | ug/g | 887 | < LOQ | 110 | 70-130 | 11.9 | 30 |
| Ethyl acetate | 3910 | ug/g | 3450 | < LOQ | 113 | 70-130 | 11.4 | 30 |
| Ethyl ether | 4170 | ug/g | 3450 | < LOQ | 121 | 70-130 | 13.0 | 30 |
| Ethylbenzene | 3410 | ug/g | 3200 | < LOQ | 107 | 70-130 | 10.3 | 30 |
| Ethylene glycol | 675 | ug/g | 916 | < LOQ | 73.7 | 60-140 | 10.7 | 30 |
| Ethylene oxide | 436 | ug/g | 369 | < LOQ | 118 | 60-140 | 10.1 | 30 |
| Heptane | 3790 | ug/g | 3450 | < LOQ | 110 | 70-130 | 12.2 | 30 |
| Isopropyl acetate | 3810 | ug/g | 3450 | < LOQ | 110 | 70-130 | 12.3 | 30 |
| Isopropylbenzene (cumene) | 99.8 | ug/g | 103 | < LOQ | 96.5 | 70-130 | 11.7 | 30 |
| m,p-Xylene | 6790 | ug/g | 6420 | < LOQ | 106 | 60-140 | 13.5 | 30 |
| Methanol | 2510 | ug/g | 2460 | < LOQ | 102 | 70-130 | 11.6 | 30 |
| n-Butane | 3300 | ug/g | 3080 | < LOQ | 107 | 60-140 | 9.97 | 30 |
| n-Hexane | 406 | ug/g | 429 | < LOQ | 94.7 | 70-130 | 13.0 | 30 |
| n-Pentane | 3900 | ug/g | 3450 | < LOQ | 113 | 70-130 | 12.1 | 30 |
| Propane | 1130 | ug/g | 1230 | < LOQ | 91.4 | 60-140 | 9.40 | 30 |
| Tetrahydrofuran | 1060 | ug/g | 1060 | < LOQ | 99.2 | 70-130 | 11.9 | 30 |
| Toluene | 1320 | ug/g | 1320 | < LOQ | 99.9 | 70-130 | 12.7 | 30 |
| o-Xylene | 3360 | ug/g | 3200 | < LOQ | 105 | 70-130 | 11.8 | 30 |

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ORELAP#: OR100028
Purchase Order:
Received: 06/24/21 13:30

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. |