



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

Report Number: 23-012738/D002.R001
Report Date: 11/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/26/23 16:11

This is an amended version of report# 23-012738/D002.R000.
Reason: Updated customer information.

Customer: Jam'n Hemp Co.
Product identity: Live Resin D9 Anytime Caramel
Client/Metric ID: 5004SH-101723
Laboratory ID: 23-012738-0001

Summary

Potency:

| Analyte | Result | Limits | Units | Status | |
|-----------------|---------|--------|--------|--------|--|
| CBC | 0.00469 | | % | | THC-Total per Serving Size 40.5 mg/16g |
| CBD-A | 0.00942 | | % | | |
| CBG | 0.00963 | | % | | CBD-Total per Serving Size 1.32 mg/16g |
| CBN | 0.00380 | | % | | |
| Δ9-THC | 0.253 | | % | | (Reported in milligrams per serving) |
| THCV | 0.00505 | | % | | |
| Analyte per 16g | Result | Limits | Units | Status | |
| CBC per 16g | 0.750 | | mg/16g | | |
| CBD-A per 16g | 1.51 | | mg/16g | | |
| CBG per 16g | 1.54 | | mg/16g | | |
| CBN per 16g | 0.608 | | mg/16g | | |
| Δ9-THC per 16g | 40.5 | | mg/16g | | |
| THCV per 16g | 0.808 | | mg/16g | | |

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.

Microbiology:

Less than LOQ for all analytes.



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Customer: Jam'n Hemp Co.

Product identity: Live Resin D9 Anytime Caramel
Client/Metric ID: 5004SH-101723
Sample Date:
Laboratory ID: 23-012738-0001
Evidence of Cooling: No
Temp: 17.7 °C
Relinquished by: shipping
Serving Size #1: 16 g

Sample Results

| Potency | Method: J AOAC 2015 V98-6 (mod) ^b | Units % | Batch: 2312331 | Analyze: 10/27/23 8:28:00 PM | |
|---------------|--|---------|----------------|------------------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBC | 0.00469 | | % | 0.00313 | |
| CBC-A | < LOQ | | % | 0.00313 | |
| CBC-Total | < LOQ | | % | 0.00588 | |
| CBD | < LOQ | | % | 0.00313 | |
| CBD-A | 0.00942 | | % | 0.00313 | |
| CBD-Total | 0.00826 | | % | 0.00588 | |
| CBDV | < LOQ | | % | 0.00313 | |
| CBDV-A | < LOQ | | % | 0.00313 | |
| CBDV-Total | < LOQ | | % | 0.00585 | |
| CBE | < LOQ | | % | 0.00313 | |
| CBG | 0.00963 | | % | 0.00313 | |
| CBG-A | < LOQ | | % | 0.00313 | |
| CBG-Total | 0.00963 | | % | 0.00585 | |
| CBL | < LOQ | | % | 0.00313 | |
| CBL-A | < LOQ | | % | 0.00313 | |
| CBL-Total | < LOQ | | % | 0.00588 | |
| CBN | 0.00380 | | % | 0.00313 | |
| CBT | < LOQ | | % | 0.00313 | |
| Δ8-THCV | < LOQ | | % | 0.00313 | |
| Δ10-THC-9R | < LOQ | | % | 0.00313 | |
| Δ10-THC-9S | < LOQ | | % | 0.00313 | |
| Δ10-THC-Total | < LOQ | | % | 0.00627 | |
| Δ8-THC | < LOQ | | % | 0.00313 | |
| Δ9-THC | 0.253 | | % | 0.00313 | |
| delta-9-THCP | < LOQ | | % | 0.00313 | |
| exo-THC | < LOQ | | % | 0.00313 | |
| THC-A | < LOQ | | % | 0.00313 | |
| THC-Total | 0.253 | | % | 0.00588 | |
| THCV | 0.00505 | | % | 0.00313 | |
| THCV-A | < LOQ | | % | 0.00313 | |



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| Potency | Method: J AOAC 2015 V98-6 (mod) ^p | Units % | Batch: 2312331 | Analyze: 10/27/23 8:28:00 PM | |
|---------------------------|--|---------|----------------|------------------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| THCV-Total | < LOQ | | % | 0.00585 | |
| Total Cannabinoids | 0.286 | | % | | |

| Potency per 16g | Method: J AOAC 2015 V98-6 (mod) ^p | Units mg/se | Batch: 2312331 | Analyze: 10/27/23 8:28:00 PM | |
|----------------------------|--|-------------|----------------|------------------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBC per 16g | 0.750 | | mg/16g | 0.501 | |
| CBC-A per 16g | < LOQ | | mg/16g | 0.501 | |
| CBC-Total per 16g | < LOQ | | mg/16g | 0.941 | |
| CBD per 16g | < LOQ | | mg/16g | 0.501 | |
| CBD-A per 16g | 1.51 | | mg/16g | 0.501 | |
| CBD-Total per 16g | 1.32 | | mg/16g | 0.941 | |
| CBDV per 16g | < LOQ | | mg/16g | 0.501 | |
| CBDV-A per 16g | < LOQ | | mg/16g | 0.501 | |
| CBDV-Total per 16g | < LOQ | | mg/16g | 0.936 | |
| CBE per 16g | < LOQ | | mg/16g | 0.501 | |
| CBG per 16g | 1.54 | | mg/16g | 0.501 | |
| CBG-A per 16g | < LOQ | | mg/16g | 0.501 | |
| CBG-Total per 16g | 1.54 | | mg/16g | 0.936 | |
| CBL per 16g | < LOQ | | mg/16g | 0.501 | |
| CBL-A per 16g | < LOQ | | mg/16g | 0.501 | |
| CBL-Total per 16g | < LOQ | | mg/16g | 0.941 | |
| CBN per 16g | 0.608 | | mg/16g | 0.501 | |
| CBT per 16g | < LOQ | | mg/16g | 0.501 | |
| Δ8-THCV per 16g | < LOQ | | mg/16g | 0.501 | |
| Δ10-THC-9R per 16g | < LOQ | | mg/16g | 0.501 | |
| Δ10-THC-9S per 16g | < LOQ | | mg/16g | 0.501 | |
| Δ10-THC-Total per 16g | < LOQ | | mg/16g | 1.00 | |
| Δ8-THC per 16g | < LOQ | | mg/16g | 0.501 | |
| Δ9-THC per 16g | 40.5 | | mg/16g | 0.501 | |
| delta-9-THCP per 16g | < LOQ | | mg/16g | 0.501 | |
| exo-THC per 16g | < LOQ | | mg/16g | 0.501 | |
| THC-A per 16g | < LOQ | | mg/16g | 0.501 | |
| THC-Total per 16g | 40.5 | | mg/16g | 0.941 | |
| THCV per 16g | 0.808 | | mg/16g | 0.501 | |
| THCV-A per 16g | < LOQ | | mg/16g | 0.501 | |
| THCV-Total per 16g | < LOQ | | mg/16g | 0.942 | |
| Total Cannabinoids per 16g | 45.7 | | mg/16g | | |

Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed Method | Status | Notes |
|-------------------------|--------|--------|-------|-----|---------|---|--------|-------|
| E.coli | < LOQ | | cfu/g | 10 | 2312242 | 10/29/23 AOAC 991.14 (Petrifilm) ^p | | |
| Total Coliforms | < LOQ | | cfu/g | 100 | 2312242 | 10/29/23 AOAC 991.14 (Petrifilm) ^p | | |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2312243 | 10/29/23 AOAC 2014.05 (RAPID) ^p | | |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2312243 | 10/29/23 AOAC 2014.05 (RAPID) ^p | | |



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| Solvents | | | | | | | | | | | Method: Residual Solvents by GC/MS ^b | | | | | Units µg/g | Batch 2312363 | Analyze 10/31/23 01:12 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 | | | | | | | | | | | | |



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| Pesticides | | | | | | | | | | | |
|---|--------|--------|-------|--------|-------|----------------------------------|--------|--------|-------|--------|-------|
| Method: AOAC 2007.01 & EN 15662 (mod) ^b | | | | | | | | | | | |
| Units mg/kg Batch 2312316 Analyze 10/30/23 01:04 PM | | | | | | | | | | | |
| 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 | | Acetamidiprid [¥] | < 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 | | 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 | |
| Flonicamid [¥] | < 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 | 0.100 | 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 | |

| Metals | | | | | | | | | | | |
|----------------------|--------|--------|-------|---------|---------|----------|----------------------------------|--------|-------|--|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes | | |
| Arsenic [¥] | < LOQ | 0.200 | mg/kg | 0.0159 | 2312326 | 10/30/23 | AOAC 2013.06 (mod.) ^b | pass | | | |
| Cadmium [¥] | < LOQ | 0.200 | mg/kg | 0.0159 | 2312326 | 10/30/23 | AOAC 2013.06 (mod.) ^b | pass | | | |
| Lead [¥] | < LOQ | 0.500 | mg/kg | 0.0159 | 2312326 | 10/30/23 | AOAC 2013.06 (mod.) ^b | pass | | | |
| Mercury [¥] | < LOQ | 0.100 | mg/kg | 0.00794 | 2312326 | 10/30/23 | AOAC 2013.06 (mod.) ^b | pass | | | |



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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.

^p = ISO/IEC 17025:2017 accredited method.

[¥] = TNI accredited analyte.

Units of Measure

cfu/g = Colony forming units per gram

g = g

µg/g = Microgram per gram

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

mg/16g = Milligram per 16g

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | | Batch ID: 2312316 | | | |
|------------------------|--------------|---------------------------|-------|------------|-------------------|-----------|--------|-------|
| Method Blank | | Laboratory Control Sample | | | | | | |
| Analyte | Blank Result | Blank Limits | Notes | LCS Result | LCS Spike | LCS % Rec | Limits | Notes |
| Abamectin | 0.000 | < 0.250 | | 0.751 | 1.000 | 75.1 | 50.0 | 150 |
| Acephate | 0.060 | < 0.200 | | 0.671 | 0.800 | 83.9 | 60.0 | 120 |
| Acetaminocyl | 0.000 | < 1.000 | | 3.313 | 4.000 | 82.8 | 40.0 | 160 |
| Acetamiprid | 0.000 | < 0.100 | | 0.353 | 0.400 | 88.3 | 60.0 | 120 |
| Aldicarb | 0.000 | < 0.200 | | 0.684 | 0.800 | 85.5 | 60.0 | 120 |
| Azoxystrobin | 0.000 | < 0.100 | | 0.363 | 0.400 | 90.7 | 60.0 | 120 |
| Bifenazate | 0.000 | < 0.100 | | 0.339 | 0.400 | 84.8 | 60.0 | 120 |
| Bifenthrin | 0.004 | < 0.100 | | 0.318 | 0.400 | 79.6 | 50.0 | 150 |
| Boscalid | 0.000 | < 0.200 | | 0.602 | 0.800 | 75.3 | 60.0 | 120 |
| Carbaryl | 0.000 | < 0.100 | | 0.341 | 0.400 | 85.3 | 60.0 | 120 |
| Carbofuran | 0.000 | < 0.100 | | 0.342 | 0.400 | 85.5 | 60.0 | 120 |
| Chlorantraniliprole | 0.000 | < 0.100 | | 0.318 | 0.400 | 79.4 | 60.0 | 120 |
| Chlorfenapyr | 0.000 | < 0.500 | | 1.902 | 2.000 | 95.1 | 60.0 | 120 |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.359 | 0.400 | 89.7 | 60.0 | 120 |
| Clofentazine | 0.000 | < 0.100 | | 0.273 | 0.400 | 68.1 | 60.0 | 120 |
| Cyfluthrin | 0.000 | < 0.500 | | 1.578 | 2.000 | 78.9 | 50.0 | 150 |
| Cypermethrin | 0.000 | < 0.500 | | 1.668 | 2.000 | 83.4 | 50.0 | 150 |
| Daminozide | 0.013 | < 0.500 | | 0.604 | 2.000 | 30.2 | 60.0 | 120 |
| Diazinon | 0.000 | < 0.100 | | 0.335 | 0.400 | 83.6 | 60.0 | 120 |
| Dichlorvos | 0.000 | < 0.500 | | 1.720 | 2.000 | 86.0 | 60.0 | 120 |
| Dimethoate | 0.000 | < 0.100 | | 0.330 | 0.400 | 82.6 | 60.0 | 120 |
| Ethoprophos | 0.000 | < 0.100 | | 0.348 | 0.400 | 87.1 | 60.0 | 120 |
| Etofenprox | 0.009 | < 0.200 | | 0.656 | 0.800 | 82.0 | 50.0 | 150 |
| Etoxazole | 0.005 | < 0.100 | | 0.325 | 0.400 | 81.2 | 60.0 | 120 |
| Fenoxycarb | 0.000 | < 0.100 | | 0.331 | 0.400 | 82.6 | 60.0 | 120 |
| Fenpyroximate | 0.000 | < 0.200 | | 0.672 | 0.800 | 84.1 | 60.0 | 120 |
| Fipronil | 0.000 | < 0.200 | | 0.660 | 0.800 | 82.5 | 60.0 | 120 |
| Fonicamid | 0.000 | < 0.250 | | 0.895 | 1.000 | 89.5 | 60.0 | 120 |
| Fludioxonil | 0.000 | < 0.200 | | 0.736 | 0.800 | 92.0 | 50.0 | 150 |
| Hexythiazox | 0.000 | < 0.250 | | 0.844 | 1.000 | 84.4 | 60.0 | 120 |
| Imazalil | 0.000 | < 0.100 | | 0.359 | 0.400 | 89.7 | 60.0 | 120 |
| Imidacloprid | 0.000 | < 0.200 | | 0.667 | 0.800 | 83.3 | 60.0 | 120 |
| Kresoxim-methyl | 0.000 | < 0.200 | | 0.663 | 0.800 | 82.8 | 60.0 | 120 |
| Malathion | 0.000 | < 0.100 | | 0.318 | 0.400 | 79.6 | 60.0 | 120 |
| Metlaxyl | 0.000 | < 0.100 | | 0.321 | 0.400 | 80.3 | 60.0 | 120 |
| Methiocarb | 0.004 | < 0.100 | | 0.321 | 0.400 | 80.3 | 60.0 | 120 |
| Methomyl | 0.000 | < 0.200 | | 0.625 | 0.800 | 78.2 | 60.0 | 120 |
| MGK-264 | 0.000 | < 0.100 | | 0.318 | 0.400 | 79.4 | 50.0 | 150 |
| Myclobutanil | 0.000 | < 0.100 | | 0.354 | 0.400 | 88.4 | 60.0 | 120 |
| Naled | 0.000 | < 0.250 | | 0.853 | 1.000 | 85.3 | 50.0 | 150 |
| Oxamyl | 0.000 | < 0.500 | | 1.719 | 2.000 | 85.9 | 60.0 | 120 |
| Paclbutrazole | 0.000 | < 0.200 | | 0.658 | 0.800 | 82.2 | 60.0 | 120 |
| Parathion-Methyl | 0.000 | < 0.100 | | 0.313 | 0.400 | 78.2 | 50.0 | 150 |
| Permethrin | 0.000 | < 0.100 | | 0.335 | 0.400 | 83.9 | 50.0 | 150 |
| Phosmet | 0.000 | < 0.100 | | 0.333 | 0.400 | 83.2 | 50.0 | 150 |
| Piperonyl butoxide | 0.035 | < 0.500 | | 1.585 | 2.000 | 79.3 | 60.0 | 120 |
| Prallethrin | 0.008 | < 0.100 | | 0.319 | 0.400 | 79.7 | 60.0 | 120 |
| Propiconazole | 0.000 | < 0.200 | | 0.662 | 0.800 | 82.7 | 60.0 | 120 |
| Propoxur | 0.000 | < 0.100 | | 0.357 | 0.400 | 89.2 | 60.0 | 120 |
| Pyrethrin (Summe) | 0.007 | < 0.100 | | 0.398 | 0.488 | 81.5 | 60.0 | 120 |
| Pyridaben | 0.000 | < 0.100 | | 0.328 | 0.400 | 82.1 | 50.0 | 150 |
| Spirosad | 0.000 | < 0.100 | | 0.380 | 0.388 | 97.9 | 50.0 | 150 |
| Spiromesifen | 0.000 | < 0.100 | | 0.368 | 0.400 | 91.9 | 60.0 | 120 |
| Spirotetramat | 0.000 | < 0.100 | | 0.359 | 0.400 | 89.7 | 60.0 | 120 |
| Spiroxamine | 0.000 | < 0.200 | | 0.658 | 0.800 | 82.3 | 60.0 | 120 |
| Tebuconazole | 0.000 | < 0.200 | | 0.683 | 0.800 | 85.4 | 60.0 | 120 |
| Thiacloprid | 0.000 | < 0.100 | | 0.343 | 0.400 | 85.6 | 60.0 | 120 |
| Thiamethoxam | 0.000 | < 0.100 | | 0.365 | 0.400 | 91.2 | 60.0 | 120 |
| Trifloxystrobin | 0.000 | < 0.100 | | 0.328 | 0.400 | 82.1 | 60.0 | 120 |

Q7



12423 NE Whitaker Way
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503-254-1794

Report Number: 23-012738/D002.R001
Report Date: 11/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/26/23 16:11

Revision: 3 Document ID: 3120
Legacy ID: CFL-C21 Worksheet Validated 10/30/2020

Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | | | Batch ID: 2312316 | | | | |
|--|--------|--------------|---------|-------|---------------------------|-------------------|----------|-----------|----------|-------|
| Matrix Spike/Matrix Spike Duplicate Recoveries | | | | | Sample ID: 23-012643-0001 | | | | | |
| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | MS % Rec | MSD % Rec | Limits | Notes |
| Abamectin | 0.000 | 0.597 | 0.573 | 1.000 | 4.1% | < 30 | 59.7% | 57.3% | 50 - 150 | |
| Acephate | 0.000 | 0.682 | 0.739 | 0.800 | 8.0% | < 30 | 85.2% | 92.3% | 50 - 150 | |
| Acetamiprid | 0.000 | 0.363 | 0.354 | 0.400 | 2.4% | < 30 | 90.6% | 88.5% | 50 - 150 | R, Q |
| Aldicarb | 0.000 | 0.690 | 0.617 | 0.800 | 11.2% | < 30 | 86.2% | 77.1% | 50 - 150 | |
| Azoxystrobin | 0.000 | 0.298 | 0.281 | 0.400 | 6.0% | < 30 | 74.5% | 70.2% | 50 - 150 | |
| Bifenazate | 0.002 | 0.318 | 0.312 | 0.400 | 1.9% | < 30 | 79.0% | 77.5% | 50 - 150 | |
| Bifenthrin | 0.000 | 0.173 | 0.161 | 0.400 | 7.1% | < 30 | 43.2% | 40.3% | 50 - 150 | Q |
| Boscalid | 0.000 | 0.616 | 0.601 | 0.800 | 2.4% | < 30 | 76.9% | 75.1% | 50 - 150 | |
| Carbaryl | 0.000 | 0.329 | 0.313 | 0.400 | 5.0% | < 30 | 82.3% | 78.2% | 50 - 150 | |
| Carbofuran | 0.000 | 0.318 | 0.321 | 0.400 | 1.1% | < 30 | 79.4% | 80.3% | 50 - 150 | |
| Chlorantraniliprole | 0.000 | 0.312 | 0.257 | 0.400 | 19.3% | < 30 | 78.1% | 64.4% | 50 - 150 | |
| Chlorfenapyr | 0.000 | 1.566 | 1.438 | 2.000 | 8.5% | < 30 | 78.3% | 71.9% | 50 - 150 | |
| Chlorpyrifos | 0.000 | 0.214 | 0.211 | 0.400 | 1.3% | < 30 | 53.6% | 52.9% | 50 - 150 | |
| Clofentezine | 0.000 | 0.274 | 0.259 | 0.400 | 5.4% | < 30 | 68.4% | 64.8% | 50 - 150 | |
| Cyfluthrin | 0.000 | 1.204 | 1.055 | 2.000 | 13.2% | < 30 | 60.2% | 52.7% | 30 - 150 | |
| Cypermethrin | 0.000 | 1.095 | 1.034 | 2.000 | 5.7% | < 30 | 54.7% | 51.7% | 50 - 150 | |
| Daminozide | 0.000 | 0.612 | 0.579 | 2.000 | 5.5% | < 30 | 30.6% | 29.0% | 30 - 150 | Q |
| Diazinon | 0.000 | 0.290 | 0.304 | 0.400 | 4.9% | < 30 | 72.5% | 76.1% | 50 - 150 | |
| Dichlorvos | 0.000 | 1.538 | 1.480 | 2.000 | 3.9% | < 30 | 76.9% | 74.0% | 50 - 150 | |
| Dimethoate | 0.000 | 0.335 | 0.310 | 0.400 | 7.8% | < 30 | 83.7% | 77.5% | 50 - 150 | |
| Ethoprophos | 0.000 | 0.337 | 0.335 | 0.400 | 0.8% | < 30 | 84.3% | 83.7% | 50 - 150 | |
| Etofenprox | 0.000 | 0.420 | 0.406 | 0.800 | 3.2% | < 30 | 52.5% | 50.8% | 50 - 150 | |
| Etoxazole | 0.005 | 0.274 | 0.263 | 0.400 | 3.9% | < 30 | 67.2% | 64.6% | 50 - 150 | |
| Fenoxycarb | 0.000 | 0.302 | 0.288 | 0.400 | 4.7% | < 30 | 75.4% | 71.9% | 50 - 150 | |
| Fenpyroximate | 0.000 | 0.583 | 0.558 | 0.800 | 4.4% | < 30 | 72.9% | 69.8% | 50 - 150 | |
| Fipronil | 0.000 | 0.471 | 0.438 | 0.800 | 7.1% | < 30 | 58.8% | 54.8% | 50 - 150 | |
| Flonicamid | 0.000 | 0.850 | 0.789 | 1.000 | 7.5% | < 30 | 85.0% | 78.9% | 50 - 150 | |
| Fludioxonil | 0.000 | 0.767 | 0.740 | 0.800 | 3.6% | < 30 | 95.8% | 92.4% | 50 - 150 | |
| Hexythiazox | 0.000 | 0.343 | 0.338 | 1.000 | 1.5% | < 30 | 34.3% | 33.8% | 50 - 150 | Q |
| Imazalil | 0.000 | 0.329 | 0.324 | 0.400 | 1.4% | < 30 | 82.2% | 81.0% | 50 - 150 | |
| Imidacloprid | 0.000 | 0.621 | 0.577 | 0.800 | 7.4% | < 30 | 77.6% | 72.1% | 50 - 150 | |
| Kresoxim-methyl | 0.000 | 0.598 | 0.563 | 0.800 | 6.0% | < 30 | 74.7% | 70.4% | 50 - 150 | |
| Malathion | 0.004 | 0.295 | 0.288 | 0.400 | 2.5% | < 30 | 72.8% | 71.0% | 50 - 150 | |
| Metaxalyl | 0.000 | 0.304 | 0.287 | 0.400 | 5.8% | < 30 | 76.0% | 71.7% | 50 - 150 | |
| Methiocarb | 0.004 | 0.297 | 0.284 | 0.400 | 4.8% | < 30 | 73.4% | 70.0% | 50 - 150 | |
| Methomyl | 0.000 | 0.659 | 0.677 | 0.800 | 2.7% | < 30 | 82.3% | 84.6% | 50 - 150 | |
| MGK-264 | 0.000 | 0.269 | 0.257 | 0.400 | 4.8% | < 30 | 67.4% | 64.2% | 50 - 150 | |
| Myclobutanil | 0.001 | 0.306 | 0.292 | 0.400 | 4.5% | < 30 | 76.2% | 72.9% | 50 - 150 | |
| Naled | 0.000 | 0.740 | 0.727 | 1.000 | 1.8% | < 30 | 74.0% | 72.7% | 50 - 150 | |
| Oxamyl | 0.000 | 1.710 | 1.651 | 2.000 | 3.5% | < 30 | 85.5% | 82.5% | 50 - 150 | |
| Pacllobutrazole | 0.000 | 0.613 | 0.569 | 0.800 | 7.4% | < 30 | 76.7% | 71.2% | 50 - 150 | |
| Parathion-Methyl | 0.000 | 0.290 | 0.273 | 0.400 | 6.3% | < 30 | 72.5% | 68.1% | 30 - 150 | |
| Permethrin | 0.000 | 0.270 | 0.252 | 0.400 | 7.2% | < 30 | 67.6% | 62.9% | 50 - 150 | |
| Phosmet | 0.000 | 0.301 | 0.294 | 0.400 | 2.3% | < 30 | 75.1% | 73.5% | 50 - 150 | |
| Piperonyl butoxide | 0.035 | 1.388 | 1.326 | 2.000 | 4.7% | < 30 | 67.7% | 64.6% | 50 - 150 | |
| Prallethrin | 0.008 | 0.186 | 0.176 | 0.400 | 5.8% | < 30 | 44.5% | 42.1% | 50 - 150 | Q |
| Propiconazole | 0.000 | 0.576 | 0.552 | 0.800 | 4.3% | < 30 | 72.0% | 69.0% | 50 - 150 | |
| Propoxur | 0.000 | 0.344 | 0.324 | 0.400 | 5.7% | < 30 | 85.9% | 81.1% | 50 - 150 | |
| Pyrethrin (Summe) | 0.011 | 0.378 | 0.373 | 0.488 | 1.6% | < 30 | 75.3% | 74.1% | 50 - 150 | |
| Pyridaben | 0.000 | 0.156 | 0.151 | 0.400 | 3.6% | < 30 | 39.1% | 37.7% | 50 - 150 | Q |
| Spirosad | 0.000 | 0.291 | 0.269 | 0.388 | 7.8% | < 30 | 75.1% | 69.4% | 50 - 150 | |
| Spiromesifen | 0.000 | 0.305 | 0.297 | 0.400 | 2.6% | < 30 | 76.3% | 74.4% | 50 - 150 | |
| Spirotetramat | 0.000 | 0.368 | 0.351 | 0.400 | 4.8% | < 30 | 92.1% | 87.8% | 50 - 150 | |
| Spiroxamine | 0.000 | 0.646 | 0.604 | 0.800 | 6.7% | < 30 | 80.7% | 75.4% | 50 - 150 | |
| Tebuconazole | 0.000 | 0.616 | 0.603 | 0.800 | 2.1% | < 30 | 77.0% | 75.4% | 50 - 150 | |
| Thiacloprid | 0.000 | 0.325 | 0.311 | 0.400 | 4.2% | < 30 | 81.2% | 77.9% | 50 - 150 | |
| Thiamethoxam | 0.000 | 0.344 | 0.328 | 0.400 | 4.9% | < 30 | 86.0% | 81.9% | 50 - 150 | |
| Trifloxystrobin | 0.000 | 0.286 | 0.267 | 0.400 | 7.1% | < 30 | 71.6% | 66.7% | 50 - 150 | |



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 Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

J AOAC 2015 V98-6 Batch ID: 2312331

| Laboratory Control Sample | | | | | | | | | |
|---------------------------|-----|--------|--------|-------|-------|--------|-------|------------|-------|
| Analyte | LCS | Result | Spike | Units | % Rec | Limits | | Evaluation | Notes |
| CBDVA | 2 | 0.0326 | 0.0323 | % | 101 | 80.0 | - 120 | Acceptable | |
| CBDV | 2 | 0.0337 | 0.0337 | % | 100.0 | 80.0 | - 120 | Acceptable | |
| CBE | 2 | 0.0362 | 0.0358 | % | 101 | 80.0 | - 120 | Acceptable | |
| CBDA | 1 | 0.0329 | 0.0322 | % | 102 | 90.0 | - 110 | Acceptable | |
| CBGA | 1 | 0.0329 | 0.0329 | % | 99.9 | 80.0 | - 120 | Acceptable | |
| CBG | 1 | 0.0367 | 0.0368 | % | 99.7 | 80.0 | - 120 | Acceptable | |
| CBD | 1 | 0.0333 | 0.0313 | % | 106 | 90.0 | - 110 | Acceptable | |
| THCV | 2 | 0.0340 | 0.0345 | % | 98.6 | 80.0 | - 120 | Acceptable | |
| d8THCV | 2 | 0.0293 | 0.0283 | % | 104 | 80.0 | - 120 | Acceptable | |
| THCVA | 2 | 0.0312 | 0.0312 | % | 100 | 80.0 | - 120 | Acceptable | |
| CBN | 1 | 0.0327 | 0.0329 | % | 99.6 | 80.0 | - 120 | Acceptable | |
| exo-THC | 2 | 0.0314 | 0.0315 | % | 99.9 | 80.0 | - 120 | Acceptable | |
| d9THC | 1 | 0.0364 | 0.0365 | % | 99.6 | 90.0 | - 110 | Acceptable | |
| d8THC | 1 | 0.0336 | 0.0340 | % | 98.7 | 90.0 | - 110 | Acceptable | |
| 9S-d10THC | 1 | 0.0339 | 0.0337 | % | 101 | 80.0 | - 120 | Acceptable | |
| CBL | 2 | 0.0332 | 0.0332 | % | 100 | 80.0 | - 120 | Acceptable | |
| 9R-d10THC | 1 | 0.0332 | 0.0336 | % | 98.9 | 80.0 | - 120 | Acceptable | |
| CBC | 2 | 0.0338 | 0.0342 | % | 98.7 | 80.0 | - 120 | Acceptable | |
| THCA | 1 | 0.0339 | 0.0337 | % | 101 | 90.0 | - 110 | Acceptable | |
| CBCA | 2 | 0.0337 | 0.0338 | % | 99.7 | 80.0 | - 120 | Acceptable | |
| CBLA | 2 | 0.0345 | 0.0342 | % | 101 | 80.0 | - 120 | Acceptable | |
| d9THCP | 2 | 0.0329 | 0.0334 | % | 98.5 | 80.0 | - 120 | Acceptable | |
| CBT | 2 | 0.0332 | 0.0343 | % | 96.7 | 80.0 | - 120 | Acceptable | |

| Method Blank | | | | | | |
|--------------|--------|---------|-------|-----------|------------|-------|
| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
| CBDVA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBDV | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBE | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBDA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBGA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBG | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBD | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| THCV | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| d8THCV | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| THCVA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBN | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| exo-THC | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| d9THC | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| d8THC | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| 9S-d10THC | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBL | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| 9R-d10THC | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBC | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| THCA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBCA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBLA | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| d9THCP | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |
| CBT | <LOQ | 0.00313 | % | < 0.00313 | Acceptable | |

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

Units of Measure:
 % - Percent



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Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | Batch ID: 2312331 | | | | | | |
|-------------------|---------|---------------------------|---------|-------|-------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 23-012696-0001 | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDVA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBDV | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBD | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBG | 0.00374 | 0.00377 | 0.00308 | % | 0.832 | < 20 | Acceptable | |
| CBD | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBN | 0.00592 | 0.00583 | 0.00308 | % | 1.56 | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| d9THC | 0.253 | 0.252 | 0.00308 | % | 0.448 | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| 9S-d10THC | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| 9R-d10THC | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBC | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| d9THCP | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |
| CBT | <LOQ | <LOQ | 0.00308 | % | NA | < 20 | Acceptable | |

Abbreviations

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

Units of Measure:

% - Percent



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Laboratory Quality Control Results

| Residual Solvents | | | | Batch ID: 2312363 | | | | | |
|-----------------------|--------|-------|-------|---------------------------|-------|-------|-------|----------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes |
| Propane | ND | < 200 | | 526 | 584 | µg/g | 90.1 | 60 - 120 | |
| Isobutane | ND | < 200 | | 752 | 767 | µg/g | 98.0 | 60 - 120 | |
| Butane | ND | < 200 | | 711 | 782 | µg/g | 90.9 | 60 - 120 | |
| 2,2-Dimethylpropane | ND | < 200 | | 948 | 939 | µg/g | 101.0 | 60 - 120 | |
| Methanol | ND | < 200 | | 1780 | 1670 | µg/g | 106.6 | 60 - 120 | |
| Ethylene Oxide | ND | < 30 | | 58.5 | 57.1 | µg/g | 102.5 | 60 - 120 | |
| 2-Methylbutane | ND | < 200 | | 1630 | 1680 | µg/g | 97.0 | 60 - 120 | |
| Pentane | ND | < 200 | | 1630 | 1670 | µg/g | 97.6 | 60 - 120 | |
| Ethanol | ND | < 200 | | 1770 | 1660 | µg/g | 106.6 | 70 - 130 | |
| Ethyl Ether | ND | < 200 | | 1660 | 1670 | µg/g | 99.4 | 60 - 120 | |
| 2,2-Dimethylbutane | ND | < 30 | | 188 | 189 | µg/g | 99.5 | 60 - 120 | |
| Acetone | ND | < 200 | | 1710 | 1670 | µg/g | 102.4 | 60 - 120 | |
| 2-Propanol | ND | < 200 | | 1650 | 1630 | µg/g | 101.2 | 60 - 120 | |
| Ethyl Formate | ND | < 500 | | 1400 | 1600 | µg/g | 87.5 | 70 - 130 | |
| Acetonitrile | ND | < 100 | | 500 | 492 | µg/g | 101.6 | 60 - 120 | |
| Methyl Acetate | ND | < 500 | | 1500 | 1600 | µg/g | 93.8 | 70 - 130 | |
| 2,3-Dimethylbutane | ND | < 30 | | 189 | 180 | µg/g | 105.0 | 60 - 120 | |
| Dichloromethane | ND | < 60 | | 501 | 488 | µg/g | 102.7 | 60 - 120 | |
| 2-Methylpentane | ND | < 30 | | 164 | 182 | µg/g | 90.1 | 60 - 120 | |
| MTBE | ND | < 500 | | 1530 | 1610 | µg/g | 95.0 | 70 - 130 | |
| 3-Methylpentane | ND | < 30 | | 179 | 177 | µg/g | 101.1 | 60 - 120 | |
| Hexane | ND | < 30 | | 173 | 177 | µg/g | 97.7 | 60 - 120 | |
| 1-Propanol | ND | < 500 | | 1520 | 1600 | µg/g | 95.0 | 70 - 130 | |
| Methylethylketone | ND | < 500 | | 1490 | 1610 | µg/g | 92.5 | 70 - 130 | |
| Ethyl acetate | ND | < 200 | | 1650 | 1630 | µg/g | 101.2 | 60 - 120 | |
| 2-Butanol | ND | < 200 | | 1680 | 1630 | µg/g | 103.1 | 60 - 120 | |
| Tetrahydrofuran | ND | < 100 | | 506 | 488 | µg/g | 103.7 | 60 - 120 | |
| Cyclohexane | ND | < 200 | | 1620 | 1610 | µg/g | 100.6 | 60 - 120 | |
| 2-methyl-1-propanol | ND | < 500 | | 1610 | 1610 | µg/g | 100.0 | 70 - 130 | |
| Benzene | ND | < 1 | | 5.1 | 4.79 | µg/g | 106.5 | 60 - 120 | |
| Isopropyl Acetate | ND | < 200 | | 1660 | 1650 | µg/g | 100.6 | 60 - 120 | |
| Heptane | ND | < 200 | | 1600 | 1630 | µg/g | 98.2 | 60 - 120 | |
| 1-Butanol | ND | < 500 | | 1650 | 1600 | µg/g | 103.1 | 70 - 130 | |
| Propyl Acetate | ND | < 500 | | 1490 | 1600 | µg/g | 93.1 | 70 - 130 | |
| 1,4-Dioxane | ND | < 100 | | 567 | 523 | µg/g | 108.4 | 60 - 120 | |
| 2-Ethoxyethanol | ND | < 30 | | 179 | 179 | µg/g | 100.0 | 60 - 120 | |
| Methylisobutylketone | ND | < 500 | | 1740 | 1600 | µg/g | 108.8 | 70 - 130 | |
| 3-Methyl-1-butanol | ND | < 500 | | 1440 | 1600 | µg/g | 90.0 | 70 - 130 | |
| Ethylene Glycol | ND | < 200 | | 447 | 506 | µg/g | 88.3 | 60 - 120 | |
| Toluene | ND | < 100 | | 511 | 496 | µg/g | 103.0 | 60 - 120 | |
| Isobutyl Acetate | ND | < 500 | | 1500 | 1610 | µg/g | 93.2 | 70 - 130 | |
| 1-Pentanol | ND | < 500 | | 1410 | 1600 | µg/g | 88.1 | 70 - 130 | |
| Butyl Acetate | ND | < 500 | | 1500 | 1610 | µg/g | 93.2 | 70 - 130 | |
| Ethylbenzene | ND | < 200 | | 943 | 978 | µg/g | 96.4 | 60 - 120 | |
| m,p-Xylene | ND | < 200 | | 954 | 994 | µg/g | 96.0 | 60 - 120 | |
| o-Xylene | ND | < 200 | | 980 | 982 | µg/g | 99.8 | 60 - 120 | |
| Cumene | ND | < 30 | | 160 | 171 | µg/g | 93.6 | 60 - 120 | |
| Anisole | ND | < 500 | | 1590 | 1600 | µg/g | 99.4 | 70 - 130 | |
| DMSO | ND | < 500 | | 1670 | 1620 | µg/g | 103.1 | 70 - 130 | |
| 1,2-dimethoxyethane | ND | < 50 | | 170 | 185 | µg/g | 91.4 | 70 - 130 | |
| Triethylamine | ND | < 500 | | 1540 | 1600 | µg/g | 96.3 | 70 - 130 | |
| N,N-dimethylformamide | ND | < 150 | | 485 | 480 | µg/g | 101.0 | 70 - 130 | |
| N,N-dimethylacetamide | ND | < 150 | | 489 | 483 | µg/g | 101.2 | 70 - 130 | |
| Pyridine | ND | < 50 | | 155 | 168 | µg/g | 92.3 | 70 - 130 | |
| Sulfone | ND | < 50 | | 117 | 161 | µg/g | 72.7 | 70 - 130 | |
| 1,2-Dichloroethane | ND | < 1 | | 0.935 | 1 | µg/g | 93.5 | 70 - 130 | |
| Chloroform | ND | < 1 | | 0.936 | 1 | µg/g | 93.6 | 70 - 130 | |
| Trichloroethylene | ND | < 1 | | 1.04 | 1 | µg/g | 104.0 | 70 - 130 | |
| 1,1-Dichloroethane | ND | < 1 | | 1.01 | 1 | µg/g | 101.0 | 70 - 130 | |



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

Report Number: 23-012738/D002.R001
Report Date: 11/03/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/26/23 16:11

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

| QC - Sample Duplicate | | Sample ID: 23-012543-0001 | | | | | | |
|-----------------------|--------|---------------------------|-----|-------|-----|--------|-------------|-------|
| 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 | |
| Pentane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Ether | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylbutane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetone | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Propanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Formate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetonitrile | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,3-Dimethylbutane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Dichloromethane | ND | ND | 60 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| MTBE | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Hexane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Propanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl ethyl ketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl acetate | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Butanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Tetrahydrofuran | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Cyclohexane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-methyl-1-propanol | ND | ND | 500 | 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-Butanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Propyl Acetate | ND | ND | 500 | 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 | |
| Methylisobutylketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methyl-1-butanol | ND | ND | 500 | 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 | |
| Isobutyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Pentanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Butyl Acetate | ND | ND | 500 | 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 | |
| Anisole | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| DMSO | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,2-dimethoxyethane | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| Triethylamine | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| N,N-dimethylformamide | ND | ND | 150 | µg/g | 0.0 | < 20 | Acceptable | |
| N,N-dimethylacetamide | ND | ND | 150 | µg/g | 0.0 | < 20 | Acceptable | |
| Pyridine | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| Sulfolane | ND | ND | 50 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,2-Dichloroethane | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Chloroform | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Trichloroethylene | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,1-Dichloroethane | ND | ND | 1 | 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



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Explanation of QC Flag Comments:

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