



Sample Information

| | | | |
|-----------------------|---------------------------------------|---------------------|-------------------|
| Test Date: | Nov 23, 2020, 11:40 AM | Sample Type: | Capsules |
| Sample / Strain Name: | ZAR Caffeine Caps | IL Unique ID: | ILCTS544 |
| Lot # / Batch ID: | 20K2014F | | |
| Sample Description: | Capsule with white powder | | |
| Notes: | Unit weight is 1 capsule = 0.49 grams | | |
| Analyst Name: | Enrique Orci IV | Reviewer Name: | Ted Barton |
| Analyst Signature: | <i>Enrique Orci IV</i> | Reviewer Signature: | <i>Ted Barton</i> |

Cannabinoid Potency and Profile

| Cannabinoid | Result (%) | Result (mg/g) | mg / capsule |
|-------------|------------|---------------|--------------|
| CBDV | N/D | N/D | N/D |
| CBDVA | N/D | N/D | N/D |
| THCV | N/D | N/D | N/D |
| CBD | 4.93% | 49.29 | 24.15 |
| CBG | N/D | N/D | N/D |
| CBDA | N/D | N/D | N/D |
| CBGA | N/D | N/D | N/D |
| CBN | N/D | N/D | N/D |
| THCD9 | N/D | N/D | N/D |
| THCD8 | N/D | N/D | N/D |
| CBC | N/D | N/D | N/D |
| CBNA | N/D | N/D | N/D |
| THCA | N/D | N/D | N/D |
| CBCA | N/D | N/D | N/D |
| Totals | 4.93% | 49.29 | 24.15 |



| | |
|------------------------|-------|
| Total THC % | 0.00% |
| Total THC mg / capsule | 0.00 |
| Total CBD % | 4.93% |
| Total CBD mg / capsule | 24.15 |



THC Total = % of THCD9 + (% of THCA x 0.877), CBD Total = % of CBD + (% of CBDA x 0.877), CBG Total = % of CBG + (% of CBGA x 0.876), CBN Total = % of CBN + (% of CBNA x 0.876), CBC Total = % of CBC + (% of CBCA x 0.877), CBDV Total = % of CBDV + (% of CBDVA x 0.867), N/D = Not Detected

** Bud/Flower potency results are presented on a dry weight basis

Testing results are based solely upon the samples submitted to Ionization Labs, LLC.

Ionization Labs warrants that all analytical work is conducted in accordance with all applicable standard laboratory practices using validated methods. This report may not be reproduced without the written consent of Ionization Labs.

ISO 17025 Accredited

A2LA Certificate #: 5756.01

Texas Dept of Ag Account #: TL2020003



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




Report Number: 20-010425/D03.R00
Report Date: 10/02/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/28/20 10:43

Customer: Deschutes Labs
Product identity: 1060418-2020-NT-59-ISO-01
Client/Metric ID: .
Laboratory ID: 20-010425-0001

Sample Date: 09/25/20 13:57

Summary

Potency:

| Analyte | Result (%) |  | | |
|---------|------------|---|-----------|---------|
| CBD | > 98.0 | | CBD-Total | > 98.0% |
| CBDV† | 0.276 | | THC-Total | <LOQ |
| | | (Reported in percent of total sample) | | |

Residual Solvents:

All analytes passing and less than LOQ.

Pesticides:

All analytes passing and less than LOQ.

Metals:

Less than LOQ for all analytes.



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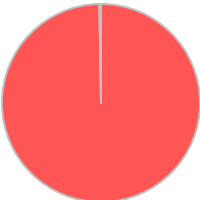


Report Number: 20-010425/D03.R00
Report Date: 10/02/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/28/20 10:43

Customer: Deschutes Labs

Product identity: 1060418-2020-NT-59-ISO-01
Client/Metric ID: .
Sample Date: 09/25/20 13:57
Laboratory ID: 20-010425-0001
Relinquished by: Received By Mail
Temp: 20 °C

Sample Results

| Potency | Method J AOAC 2015 V98-6 (mod) | | | Batch: 2008111 | Analyze: 10/1/20 7:15:00 PM |
|----------------------------|--------------------------------|------------|--------|---|-----------------------------|
| Analyte | As Received | Dry weight | LOQ |  | |
| CBC | < LOQ | | 0.0927 | | |
| CBC-A† | < LOQ | | 0.0927 | | |
| CBC-Total† | < LOQ | | 0.174 | | |
| CBD | > 98.0 | | 0.927 | | |
| CBD-A | < LOQ | | 0.0927 | | |
| CBD-Total | > 98.0 | | 1.01 | | |
| CBDV† | 0.276 | | 0.0927 | | |
| CBDV-A† | < LOQ | | 0.0927 | | |
| CBDV-Total† | 0.276 | | 0.173 | | |
| CBG† | < LOQ | | 0.0927 | | |
| CBG-A† | < LOQ | | 0.0927 | | |
| CBG-Total | < LOQ | | 0.173 | | |
| CBL† | < LOQ | | 0.0927 | | |
| CBN | < LOQ | | 0.0927 | | |
| Δ8-THC† | < LOQ | | 0.0927 | | |
| Δ9-THC | < LOQ | | 0.0927 | | |
| THC-A | < LOQ | | 0.0927 | | |
| THC-Total | < LOQ | | 0.174 | | |
| THCV† | < LOQ | | 0.0927 | | |
| THCV-A† | < LOQ | | 0.0927 | | |
| THCV-Total† | < LOQ | | 0.173 | | |
| Total Cannabinoids† | > 98.0 | | | | |



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Report Date: 10/02/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/28/20 10:43

| Solvents | | | | | | Method EPA5021A | Units µg/g | Batch 2007980 | Analyze 09/29/20 09:59 AM | | | | |
|--------------------|--------|--------|------|--------|-------|-------------------------|------------|---------------|---------------------------|--------|-------|--|--|
| 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 | < LOQ | | 200 | | | | |
| 2-Methylpentane | < LOQ | | 30.0 | | | 2-Propanol (IPA) | < LOQ | 5000 | 200 | pass | | | |
| 2,2-Dimethylbutane | < LOQ | | 30.0 | | | 2,2-Dimethylpropane | < 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 | 30.0 | pass | | | |
| Hexanes (sum) | < LOQ | 290 | 150 | pass | | Isopropyl acetate | < LOQ | 5000 | 200 | pass | | | |
| Isopropylbenzene | < LOQ | 70.0 | 30.0 | pass | | m,p-Xylene | < LOQ | | 200 | | | | |
| Methanol | < LOQ | 3000 | 200 | pass | | Methylene chloride | < LOQ | 600 | 200 | pass | | | |
| Methylpropane | < 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 | < LOQ | 2170 | 600 | pass | | | |



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Received: 09/28/20 10:43

| Pesticides | | Method AOAC 2007.01 & EN 15662 (mod) | | | | Units mg/kg | Batch 2008049 | Analyze 09/30/20 04:56 PM | | | |
|------------------|--------|--------------------------------------|-------|--------|-------|---------------------|---------------|---------------------------|-------|--------|-------|
| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
| Abamectin | < LOQ | 0.50 | 0.250 | pass | | Acephate | < LOQ | 0.40 | 0.250 | 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 | | 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 | 0.200 | 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 | | | | | | | |

| Metals | | | | | | | | | |
|---------|--------|--------|-------|--------|---------|----------|---------------------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes | |
| Arsenic | < LOQ | | mg/kg | 0.0411 | 2008092 | 10/01/20 | AOAC 2013.06 (mod.) | X | |
| Cadmium | < LOQ | | mg/kg | 0.0411 | 2008092 | 10/01/20 | AOAC 2013.06 (mod.) | X | |
| Lead | < LOQ | | mg/kg | 0.0411 | 2008092 | 10/01/20 | AOAC 2013.06 (mod.) | X | |
| Mercury | < LOQ | | mg/kg | 0.0205 | 2008092 | 10/01/20 | AOAC 2013.06 (mod.) | X | |

| Purity | | | | | | | | | |
|-----------------|--------|--------|-------|-----|---------|----------|---------------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes | |
| Chemical Purity | 98.8 | | % | | 2008035 | 09/30/20 | Purity by FID | | |

Mass-balance purity assay performed by GC-FID. The reported result is accurate within an expanded uncertainty of $\pm 0.3\%$ (w/w).



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Received: 09/28/20 10:43

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

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

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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503-254-1794



Report Number: 20-010425/D03.R00
Report Date: 10/02/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/28/20 10:43



Columbia Laboratories
Sample Receipt Form

Revision: 1.01 Document Control: CF015
Revised: 02/28/2020 Effective: 02/28/2020

Job Number: 20-010425

Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 9-28-20 Time: 10:43

Received By (Initials): JV

- 1) Were custody seals on outside of the package/cooler?
If YES, how many and where? _____ YES NO NA
- Were signature and date correct? _____ YES NO NA
- 2) Were custody papers included in the package/cooler? YES NO NA
- 3) Were custody papers properly filled out (ink, sign, date)? YES NO NA
- 4) Did you sign custody papers in the appropriate place? YES NO NA
- 5) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 1Z 104 E64 03 9794

- 6) Was packing material used? YES NO NA 5366
- Peanuts Bubble Wrap Foam Paper Other: _____
- 7) Was sufficient ice used (if appropriate)?
What kind? YES NO NA
- Blue Ice Ice Cooler Packs Dry Ice
- 8) Were all sample containers sealed in separate plastic bags? YES NO NA
- 9) Did all sample containers arrive in good condition? YES NO NA
- 10) Were all sample container labels complete? YES NO NA
- 11) Did all sample container labels and tags agree with the coc? YES NO NA
- 12) Were correct sample containers used for the tests indicated? YES NO NA
- 13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA
- 14) Was a sufficient amount of sample sent in each sample container? YES NO NA
- 15) Temperature of the samples upon receipt (See SOP for proper temps) 20.0°C
- 16) Sample location prior to login: R25 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: _____

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503-254-1794



Report Number: 20-010425/D03.R00
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Purchase Order:
Received: 09/28/20 10:43

| Laboratory Quality Control Results | | | | | | | | | | |
|------------------------------------|--------|-------|-------|--------|---------------------------|-------|-------|----------|-------|--|
| EPA 5021 | | | | | Batch ID: 2007980 | | | | | |
| Method Blank | | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes | |
| Propane | ND | < 200 | | 1100 | 1,190 | µg/g | 92.4 | 70 - 130 | | |
| Isobutane | ND | < 200 | | 1390 | 1,520 | µg/g | 91.4 | 70 - 130 | | |
| Butane | ND | < 200 | | 1410 | 1,520 | µg/g | 92.8 | 70 - 130 | | |
| 2,2-Dimethylpropane | ND | < 200 | | 1720 | 1,910 | µg/g | 90.1 | 70 - 130 | | |
| Methanol | ND | < 200 | | 3000 | 3,240 | µg/g | 92.6 | 70 - 130 | | |
| Ethylene Oxide | ND | < 30 | | 113 | 117 | µg/g | 96.6 | 70 - 130 | | |
| 2-Methylbutane | ND | < 200 | | 2990 | 3,220 | µg/g | 92.9 | 70 - 130 | | |
| Pentane | ND | < 200 | | 2960 | 3,210 | µg/g | 92.2 | 70 - 130 | | |
| Ethanol | ND | < 200 | | 2850 | 3,220 | µg/g | 88.5 | 70 - 130 | | |
| Ethyl Ether | ND | < 200 | | 3010 | 3,260 | µg/g | 92.3 | 70 - 130 | | |
| 2,2-Dimethylbutane | ND | < 30 | | 380 | 431 | µg/g | 88.2 | 70 - 130 | | |
| Acetone | ND | < 200 | | 3040 | 3,210 | µg/g | 94.7 | 70 - 130 | | |
| 2-Propanol | ND | < 200 | | 2780 | 3,180 | µg/g | 87.4 | 70 - 130 | | |
| Acetonitrile | ND | < 100 | | 920 | 983 | µg/g | 93.6 | 70 - 130 | | |
| 2,3-Dimethylbutane | ND | < 30 | | 307 | 373 | µg/g | 82.3 | 70 - 130 | | |
| Dichloromethane | ND | < 200 | | 926 | 1,010 | µg/g | 91.7 | 70 - 130 | | |
| 2-Methylpentane | ND | < 30 | | 285 | 330 | µg/g | 86.4 | 70 - 130 | | |
| 3-Methylpentane | ND | < 30 | | 303 | 342 | µg/g | 88.6 | 70 - 130 | | |
| Hexane | ND | < 30 | | 287 | 321 | µg/g | 89.4 | 70 - 130 | | |
| Ethyl acetate | ND | < 200 | | 3000 | 3,260 | µg/g | 92.0 | 70 - 130 | | |
| 2-Butanol | ND | < 200 | | 2720 | 3,210 | µg/g | 84.7 | 70 - 130 | | |
| Tetrahydrofuran | ND | < 100 | | 878 | 982 | µg/g | 89.4 | 70 - 130 | | |
| Cyclohexane | ND | < 200 | | 2950 | 3,210 | µg/g | 91.9 | 70 - 130 | | |
| Benzene | ND | < 1 | | 47.3 | 55.4 | µg/g | 85.4 | 70 - 130 | | |
| Isopropyl Acetate | ND | < 200 | | 2810 | 3,200 | µg/g | 87.8 | 70 - 130 | | |
| Heptane | ND | < 200 | | 3080 | 3,210 | µg/g | 96.0 | 70 - 130 | | |
| 1,4-Dioxane | ND | < 100 | | 871 | 1,010 | µg/g | 86.2 | 70 - 130 | | |
| 2-Ethoxyethanol | ND | < 30 | | 496 | 681 | µg/g | 72.8 | 70 - 130 | | |
| Ethylene Glycol | ND | < 200 | | 965 | 1,170 | µg/g | 82.5 | 70 - 130 | | |
| Toluene | ND | < 200 | | 867 | 980 | µg/g | 88.5 | 70 - 130 | | |
| Ethylbenzene | ND | < 200 | | 1660 | 1,970 | µg/g | 84.3 | 70 - 130 | | |
| m,p-Xylene | ND | < 200 | | 1700 | 1,950 | µg/g | 87.2 | 70 - 130 | | |
| o-Xylene | ND | < 200 | | 1700 | 1,940 | µg/g | 87.6 | 70 - 130 | | |
| Cumene | ND | < 30 | | 298 | 336 | µg/g | 88.7 | 70 - 130 | | |



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Report Number: 20-010425/D03.R00
Report Date: 10/02/2020
ORELAP#: OR100028
Purchase Order:
Received: 09/28/20 10:43

QC - Sample Duplicate

Sample ID: 20-010197-0001

| 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 | |
| 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 | 200 | 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 | 200 | 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

* Screening only

Q1 Quality Control result biased high. Only non detect samples reported.

Units of Measure:

µg/g - Microgram per gram or ppm

mg/Kg - Milligrams per Kilogram

Aw - Water Activity unit



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ORELAP#: OR100028
Purchase Order:
Received: 09/28/20 10:43

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: 2008049 | | | | |
|------------------------|--------------|--------------|---------------------------|-------------------|-----------|-----------|------------|-------|
| Method Blank | | | Laboratory Control Sample | | | | | |
| Analyte | Blank Result | Blank Limits | Notes | LCS Result | LCS Spike | LCS % Rec | Limits | Notes |
| Accephate | 0.025 | < 0.200 | | 0.935 | 1.000 | 93.5 | 68.1 - 126 | |
| Acequinocyl | 0.041 | < 1.000 | | 3.664 | 4.000 | 91.6 | 69.5 - 129 | |
| Acetamiprid | 0.000 | < 0.100 | | 0.374 | 0.400 | 93.6 | 69.0 - 128 | |
| Aldicarb | 0.000 | < 0.200 | | 0.705 | 0.800 | 88.1 | 67.8 - 126 | |
| Abamectin | 0.000 | < 0.288 | | 0.774 | 1.000 | 77.4 | 69.1 - 128 | |
| Azoxystrobin | 0.012 | < 0.100 | | 0.362 | 0.400 | 90.5 | 68.9 - 128 | |
| Bifenazate | 0.009 | < 0.100 | | 0.378 | 0.400 | 94.6 | 68.1 - 126 | |
| Bifenthrin | 0.019 | < 0.100 | | 0.376 | 0.400 | 94.1 | 71.1 - 132 | |
| Boscalid | 0.084 | < 0.100 | | 0.735 | 0.800 | 91.8 | 68.5 - 127 | |
| Carbaryl | 0.013 | < 0.100 | | 0.383 | 0.400 | 95.9 | 69.4 - 129 | |
| Carbofuran | 0.017 | < 0.100 | | 0.380 | 0.400 | 95.0 | 69.1 - 128 | |
| Chlorantraniliprol | 0.022 | < 0.100 | | 0.370 | 0.400 | 92.4 | 69.5 - 129 | |
| Chlorfenapyr | 0.000 | < 1.000 | | 1.714 | 2.000 | 85.7 | 68.1 - 126 | |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.375 | 0.400 | 93.6 | 68.9 - 128 | |
| Clofentezine | 0.019 | < 0.100 | | 0.370 | 0.400 | 92.5 | 67.0 - 124 | |
| Cyfluthrin | 0.000 | < 1.000 | | 1.530 | 2.000 | 76.5 | 71.1 - 132 | |
| Cypermethrin | 0.004 | < 1.000 | | 1.794 | 2.000 | 89.7 | 71.3 - 132 | |
| Daminozide | 0.046 | < 1.000 | | 1.835 | 2.000 | 91.8 | 66.0 - 123 | |
| Diazinon | 0.008 | < 0.100 | | 0.382 | 0.400 | 95.6 | 68.3 - 127 | |
| Dichlorvos | 0.045 | < 0.500 | | 1.824 | 2.000 | 91.2 | 68.0 - 126 | |
| Dimethoat | 0.007 | < 0.100 | | 0.382 | 0.400 | 95.5 | 68.6 - 127 | |
| Ethoprophos | 0.000 | < 0.100 | | 0.361 | 0.400 | 90.4 | 67.9 - 126 | |
| Etofenprox | 0.017 | < 0.100 | | 0.752 | 0.800 | 94.0 | 68.9 - 128 | |
| Etoxazol | 0.000 | < 0.100 | | 0.371 | 0.400 | 92.8 | 68.3 - 127 | |
| Fenoxycarb | 0.009 | < 0.100 | | 0.380 | 0.400 | 94.9 | 68.8 - 128 | |
| Fenpyroximat | 0.008 | < 0.100 | | 0.794 | 0.800 | 99.2 | 70.2 - 130 | |
| Fipronil | 0.014 | < 0.100 | | 0.720 | 0.800 | 90.0 | 71.4 - 133 | |
| Flonicamid | 0.000 | < 0.400 | | 0.936 | 1.000 | 93.6 | 69.4 - 129 | |
| Fludioxonil | 0.000 | < 0.100 | | 0.914 | 0.800 | 114.3 | 69.2 - 128 | |
| Hexythiazox | 0.021 | < 0.400 | | 0.982 | 1.000 | 98.2 | 71.0 - 132 | |
| Imazalil | 0.006 | < 0.100 | | 0.408 | 0.400 | 102.1 | 71.6 - 133 | |
| Imidacloprid | 0.003 | < 0.200 | | 0.728 | 0.800 | 91.0 | 67.8 - 126 | |
| Kresoxim-Methyl | 0.034 | < 0.100 | | 0.726 | 0.800 | 90.7 | 69.1 - 128 | |
| Malathion | 0.008 | < 0.100 | | 0.377 | 0.400 | 94.3 | 68.8 - 128 | |
| Metaxalyl | 0.010 | < 0.100 | | 0.351 | 0.400 | 87.8 | 68.2 - 127 | |
| Methiocarb | 0.062 | < 0.100 | | 0.407 | 0.400 | 101.7 | 68.7 - 128 | |
| Methomyl | 0.091 | < 0.200 | | 0.790 | 0.800 | 98.7 | 67.7 - 126 | |
| MGK 264 | 0.009 | < 0.100 | | 0.366 | 0.400 | 91.5 | 69.8 - 130 | |
| Myclobutanil | 0.020 | < 0.100 | | 0.389 | 0.400 | 97.3 | 67.7 - 126 | |
| Naled | 0.034 | < 0.200 | | 0.967 | 1.000 | 96.7 | 68.7 - 128 | |
| Oxamyl | 0.000 | < 0.400 | | 1.838 | 2.000 | 91.9 | 67.7 - 126 | |
| Paclobutrazol | 0.036 | < 0.200 | | 0.751 | 0.800 | 93.9 | 67.5 - 125 | |
| Parathion Methyl | 0.000 | < 0.200 | | 0.849 | 0.800 | 106.2 | 71.4 - 133 | |
| Permethrin | 0.023 | < 0.100 | | 0.372 | 0.400 | 93.1 | 70.2 - 130 | |
| Phosmet | 0.004 | < 0.100 | | 0.397 | 0.400 | 99.3 | 69.2 - 128 | |
| Piperonyl butoxide | 0.125 | < 1.000 | | 1.916 | 2.000 | 95.8 | 69.9 - 130 | |
| Prallethrin | 0.146 | < 0.200 | | 0.450 | 0.400 | 112.4 | 70.5 - 131 | |
| Propiconazole | 0.008 | < 0.200 | | 0.791 | 0.800 | 98.9 | 68.8 - 128 | |
| Propoxur | 0.017 | < 0.100 | | 0.381 | 0.400 | 95.3 | 68.0 - 126 | |
| Pyrethrins | 0.174 | < 0.500 | | 0.408 | 0.413 | 98.8 | 69.9 - 130 | |
| Pyridaben | 0.000 | < 0.100 | | 0.397 | 0.400 | 99.2 | 74.7 - 139 | |
| Spinosad | 0.000 | < 0.100 | | 0.410 | 0.388 | 105.6 | 75.8 - 141 | |
| Spiromesifen | 0.035 | < 0.100 | | 0.381 | 0.400 | 95.4 | 69.2 - 129 | |
| Spirotetramat | 0.009 | < 0.100 | | 0.375 | 0.400 | 93.8 | 69.0 - 128 | |
| Spiroxamine | 0.021 | < 0.100 | | 0.759 | 0.800 | 94.9 | 68.8 - 128 | |
| Tebuconazol | 0.009 | < 0.200 | | 0.733 | 0.800 | 91.6 | 68.3 - 127 | |
| Thiacloprid | 0.000 | < 0.100 | | 0.371 | 0.400 | 92.7 | 68.3 - 127 | |
| Thiamethoxam | 0.000 | < 0.100 | | 0.404 | 0.400 | 100.9 | 67.9 - 126 | |
| Trifloxystrobin | 0.004 | < 0.100 | | 0.394 | 0.400 | 98.6 | 69.3 - 129 | |



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



Report Number: 20-010425/D03.R00
Report Date: 10/02/2020
ORELAP#: OR100028
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Received: 09/28/20 10:43

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: 2008049 | | | | | | | | | | |
|--|--------|--------|---------|-------|------|-------|----------|-----------|----------|-------|
| Matrix Spike/Matrix Spike Duplicate Recoveries Sample ID: 20-010263-0004 | | | | | | | | | | |
| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | MS % Rec | MSD % Rec | Limits | Notes |
| Acephate | 0.019 | 1.001 | 0.890 | 1.000 | 11.8 | < 30 | 98.2 | 87.0 | 50 - 150 | |
| Acequinocyl | 0.000 | 3.878 | 1.997 | 4.000 | 64.0 | < 30 | 96.9 | 49.9 | 50 - 150 | R,Q |
| Acetamiprid | 0.000 | 0.371 | 0.330 | 0.400 | 11.6 | < 30 | 92.6 | 82.5 | 50 - 150 | |
| Aldicarb | 0.000 | 0.582 | 0.332 | 0.800 | 54.8 | < 30 | 72.8 | 41.5 | 50 - 150 | R,Q |
| Abamectin | 0.000 | 1.499 | 1.403 | 1.000 | 6.6 | < 30 | 149.9 | 140.3 | 50 - 150 | |
| Azoxystrobin | 0.010 | 0.494 | 0.472 | 0.400 | 4.5 | < 30 | 120.9 | 115.5 | 50 - 150 | |
| Bifenazate | 0.000 | 0.373 | 0.353 | 0.400 | 5.5 | < 30 | 93.1 | 88.2 | 50 - 150 | |
| Bifenthrin | 0.000 | 0.733 | 0.850 | 0.400 | 14.8 | < 30 | 183.2 | 212.6 | 50 - 150 | Q1 |
| Boscalid | 0.063 | 0.952 | 0.721 | 0.800 | 27.5 | < 30 | 111.1 | 82.3 | 50 - 150 | |
| Carbaryl | 0.012 | 0.396 | 0.336 | 0.400 | 16.3 | < 30 | 96.0 | 81.1 | 50 - 150 | |
| Carbofuran | 0.014 | 0.419 | 0.359 | 0.400 | 15.3 | < 30 | 101.3 | 86.4 | 50 - 150 | |
| Chlorantraniliprol | 0.020 | 0.425 | 0.416 | 0.400 | 1.9 | < 30 | 101.2 | 99.2 | 50 - 150 | |
| Chlorfenapyr | 0.000 | 2.047 | 2.119 | 2.000 | 3.4 | < 30 | 102.3 | 105.9 | 50 - 150 | |
| Chlorpyrifos | 0.000 | 0.413 | 0.473 | 0.400 | 13.6 | < 30 | 103.3 | 118.4 | 50 - 150 | |
| Clofentezine | 0.016 | 0.438 | 0.430 | 0.400 | 1.7 | < 30 | 105.4 | 103.5 | 50 - 150 | |
| Cyfluthrin | 0.000 | 3.845 | 3.370 | 2.000 | 13.2 | < 30 | 192.3 | 168.5 | 30 - 150 | Q1 |
| Cypermethrin | 0.003 | 1.802 | 1.824 | 2.000 | 1.2 | < 30 | 89.9 | 91.0 | 50 - 150 | |
| Daminozide | 0.126 | 1.905 | 1.694 | 2.000 | 11.8 | < 30 | 89.0 | 78.4 | 30 - 150 | |
| Diazinon | 0.007 | 0.428 | 0.436 | 0.400 | 2.0 | < 30 | 105.2 | 107.3 | 50 - 150 | |
| Dichlorvos | 0.040 | 1.933 | 1.846 | 2.000 | 4.6 | < 30 | 94.7 | 90.3 | 50 - 150 | |
| Dimethoat | 0.007 | 0.365 | 0.332 | 0.400 | 9.4 | < 30 | 89.6 | 81.3 | 50 - 150 | |
| Ethoprophos | 0.000 | 0.320 | 0.275 | 0.400 | 15.0 | < 30 | 79.9 | 68.7 | 50 - 150 | |
| Etofenprox | 0.000 | 0.872 | 1.347 | 0.800 | 42.8 | < 30 | 109.0 | 168.4 | 50 - 150 | R,Q1 |
| Etoxazol | 0.002 | 0.398 | 0.428 | 0.400 | 7.4 | < 30 | 98.8 | 106.5 | 50 - 150 | |
| Fenoxycarb | 0.000 | 0.397 | 0.373 | 0.400 | 6.3 | < 30 | 99.2 | 93.1 | 50 - 150 | |
| Fenpyroximat | 0.000 | 0.763 | 0.781 | 0.800 | 2.3 | < 30 | 95.4 | 97.7 | 50 - 150 | |
| Fipronil | 0.008 | 1.036 | 0.837 | 0.800 | 21.3 | < 30 | 128.4 | 103.6 | 50 - 150 | |
| Flonicamid | 0.006 | 0.950 | 0.867 | 1.000 | 9.2 | < 30 | 94.4 | 86.1 | 50 - 150 | |
| Fludioxonil | 0.000 | 0.509 | 0.707 | 0.800 | 32.7 | < 30 | 63.6 | 88.4 | 50 - 150 | |
| Hexythiazox | 0.000 | 1.675 | 1.662 | 1.000 | 0.8 | < 30 | 167.5 | 166.2 | 50 - 150 | Q1 |
| Imazalil | 0.005 | 0.314 | 0.303 | 0.400 | 3.3 | < 30 | 77.1 | 74.5 | 50 - 150 | |
| Imidacloprid | 0.002 | 0.771 | 0.716 | 0.800 | 7.3 | < 30 | 96.1 | 89.3 | 50 - 150 | |
| Kresoxim-Methyl | 0.000 | 0.698 | 0.700 | 0.800 | 0.3 | < 30 | 87.3 | 87.5 | 50 - 150 | |
| Malathion | 0.006 | 0.431 | 0.406 | 0.400 | 6.0 | < 30 | 106.3 | 100.0 | 50 - 150 | |
| Metaxalyl | 0.008 | 0.375 | 0.367 | 0.400 | 2.2 | < 30 | 91.7 | 89.7 | 50 - 150 | |
| Methiocarb | 0.049 | 0.375 | 0.310 | 0.400 | 18.8 | < 30 | 81.4 | 65.3 | 50 - 150 | |
| Methomyl | 0.000 | 0.673 | 0.722 | 0.800 | 7.1 | < 30 | 84.1 | 90.3 | 50 - 150 | |
| MGK 264 | 0.000 | 0.393 | 0.394 | 0.400 | 0.3 | < 30 | 98.3 | 98.5 | 50 - 150 | |
| Myclobutanil | 0.016 | 0.355 | 0.383 | 0.400 | 7.5 | < 30 | 84.9 | 91.8 | 50 - 150 | |
| Naled | 0.029 | 1.020 | 0.933 | 1.000 | 8.8 | < 30 | 99.1 | 90.4 | 50 - 150 | |
| Oxamyl | 0.000 | 1.890 | 1.648 | 2.000 | 13.7 | < 30 | 94.5 | 82.4 | 50 - 150 | |
| Paclobutrazol | 0.030 | 0.784 | 0.729 | 0.800 | 7.3 | < 30 | 94.3 | 87.4 | 50 - 150 | |
| Parathion Methyl | 0.000 | 0.980 | 0.783 | 0.800 | 22.4 | < 30 | 122.4 | 97.8 | 30 - 150 | |
| Permethrin | 0.015 | 0.378 | 0.378 | 0.400 | 0.2 | < 30 | 90.7 | 90.8 | 50 - 150 | |
| Phosmet | 0.007 | 0.393 | 0.334 | 0.400 | 16.2 | < 30 | 96.5 | 81.8 | 50 - 150 | |
| Piperonyl butoxide | 0.077 | 2.068 | 2.079 | 2.000 | 0.5 | < 30 | 99.6 | 100.1 | 50 - 150 | |
| Prallethrin | 0.064 | 0.564 | 0.616 | 0.400 | 8.8 | < 30 | 125.1 | 138.1 | 50 - 150 | |
| Propiconazole | 0.005 | 0.839 | 0.807 | 0.800 | 3.9 | < 30 | 104.3 | 100.3 | 50 - 150 | |
| Propoxur | 0.013 | 0.384 | 0.325 | 0.400 | 16.6 | < 30 | 92.7 | 78.0 | 50 - 150 | |
| Pyrethrins | 0.003 | 0.378 | 0.375 | 0.413 | 0.9 | < 30 | 90.9 | 90.0 | 50 - 150 | |
| Pyridaben | 0.004 | 0.260 | 0.258 | 0.400 | 0.7 | < 30 | 63.9 | 63.4 | 50 - 150 | |
| Spinosad | 0.000 | 0.413 | 0.418 | 0.388 | 1.3 | < 30 | 106.5 | 107.8 | 50 - 150 | |
| Spiromesifen | 0.037 | 0.398 | 0.391 | 0.400 | 1.8 | < 30 | 90.5 | 88.7 | 50 - 150 | |
| Spirotetramat | 0.007 | 0.354 | 0.336 | 0.400 | 5.3 | < 30 | 86.7 | 82.1 | 50 - 150 | |
| Spiroxamine | 0.018 | 0.731 | 0.713 | 0.800 | 2.5 | < 30 | 89.0 | 86.8 | 50 - 150 | |
| Tebuconazole | 0.000 | 0.698 | 0.695 | 0.800 | 0.4 | < 30 | 87.3 | 86.9 | 50 - 150 | |
| Thiacloprid | 0.000 | 0.374 | 0.343 | 0.400 | 8.5 | < 30 | 93.4 | 85.8 | 50 - 150 | |
| Thiamethoxam | 0.000 | 0.372 | 0.337 | 0.400 | 10.0 | < 30 | 93.1 | 84.3 | 50 - 150 | |
| Trifloxystrobin | 0.000 | 0.457 | 0.436 | 0.400 | 3.0 | < 30 | 114.1 | 109.0 | 50 - 150 | |



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Report Number: 20-010425/D03.R00
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Revision #: 0.00 Control : CFL-D06
Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

| J AOAC 2015 V98-6 Batch ID: 2008087/2008111 | | | | | | | | | |
|---|--------|--|-------|-------|-------|------------|--|------------|-------|
| Laboratory Control Sample | | | | | | | | | |
| Analyte | Result | | Spike | Units | % Rec | Limits | | Evaluation | Notes |
| CBDV-A | 0.196 | | 0.2 | % | 98.0 | 85.0 - 115 | | Acceptable | |
| CBDV | 0.203 | | 0.2 | % | 102 | 85.0 - 115 | | Acceptable | |
| CBD-A | 0.199 | | 0.2 | % | 99.6 | 85.0 - 115 | | Acceptable | |
| CBG-A | 0.191 | | 0.2 | % | 95.3 | 85.0 - 115 | | Acceptable | |
| CBG | 0.199 | | 0.2 | % | 99.6 | 85.0 - 115 | | Acceptable | |
| CBD | 0.219 | | 0.2 | % | 110 | 85.0 - 115 | | Acceptable | |
| THCV | 0.196 | | 0.2 | % | 98.0 | 85.0 - 115 | | Acceptable | |
| THCVA | 0.178 | | 0.2 | % | 88.9 | 85.0 - 115 | | Acceptable | |
| CBN | 0.199 | | 0.2 | % | 99.3 | 85.0 - 115 | | Acceptable | |
| THC | 0.187 | | 0.2 | % | 93.5 | 85.0 - 115 | | Acceptable | |
| D8THC | 0.196 | | 0.2 | % | 97.9 | 85.0 - 115 | | Acceptable | |
| CBL | 0.183 | | 0.2 | % | 91.6 | 85.0 - 115 | | Acceptable | |
| CBC | 0.201 | | 0.2 | % | 101 | 85.0 - 115 | | Acceptable | |
| THCA | 0.180 | | 0.2 | % | 89.9 | 85.0 - 115 | | Acceptable | |
| CBCA | 0.183 | | 0.2 | % | 91.6 | 85.0 - 115 | | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|-----|-------|--------|------------|-------|
| CBDV-A | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBDV | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBD-A | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBG-A | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBG | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBD | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THCV | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THCVA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBN | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THC | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| D8THC | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBL | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBC | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| THCA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBCA | <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



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

Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | | Batch ID: 2008087/2008111 | | | | | |
|-------------------|--------|-------------|---------------------------|-------|--------|--------|------------|-------|
| Sample Duplicate | | | Sample ID: 20-010325-0001 | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDV-A | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDV | 0.147 | 0.147 | 0.1 | % | 0.188 | < 20 | Acceptable | |
| CBD-A | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBG-A | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBG | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBD | 36.4 | 36.5 | 0.1 | % | 0.357 | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBN | 0.210 | 0.210 | 0.1 | % | 0.0903 | < 20 | Acceptable | |
| THC | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| D8THC | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBC | 0.294 | 0.294 | 0.1 | % | 0.131 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBCA | <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



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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. |