Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

**Customer:** GVB Oregon
United States of America (USA)
**Product identity:** T-Compliant Distillate B#3146 Primary
**Client/Metrc ID:**
**Sample Date:** 08/19/21 12:00
**Laboratory ID:** 21-009594-0001
**Evidence of Cooling:** No
**Temp:** 12.2 °C
**Relinquished by:** Giuffrida

## Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2107625 **Analyze:** 8/24/21 9:10:00 PM

| Analyte | As Received | Dry weight | LOQ | Notes |
|---|---|---|---|---|
| CBC | 1.12 | | 0.0981 | |
| CBC-A† | < LOQ | | 0.0981 | |
| CBC-Total† | 1.12 | | 0.184 | |
| CBD | 89.1 | | 0.981 | |
| CBD-A | < LOQ | | 0.0981 | |
| CBD-Total | 89.1 | | 1.07 | |
| CBDV† | 0.375 | | 0.0981 | |
| CBDV-A† | < LOQ | | 0.0981 | |
| CBDV-Total† | 0.375 | | 0.183 | |
| CBE† | 0.911 | | 0.0981 | |
| CBG† | 0.365 | | 0.0981 | |
| CBG-A† | < LOQ | | 0.0981 | |
| CBG-Total | 0.365 | | 0.183 | |
| CBL† | < LOQ | | 0.0981 | |
| CBL-A† | < LOQ | | 0.0981 | |
| CBL-Total† | < LOQ | | 0.184 | |
| CBN | 0.588 | | 0.0981 | |
| CBT† | 0.848 | | 0.0981 | |
| Δ8-THC† | < LOQ | | 0.0981 | |
| Δ8-THCV | < LOQ | | 0.0981 | |
| Δ9-THC | 0.233 | | 0.0981 | |
| THC-A | < LOQ | | 0.0981 | |
| THC-Total | 0.233 | | 0.184 | |
| THCV† | < LOQ | | 0.0981 | |
| THCV-A† | < LOQ | | 0.0981 | |
| THCV-Total† | < LOQ | | 0.183 | |
| **Total Cannabinoids**† | 93.5 | | | |

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Testing in accordance with: OAR 333-007-0410 OAR 333-007-0430

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**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2107493 **Analyze** 08/20/21 06:39 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 | < 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 | 20.0 | 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 | 60.0 | 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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**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2107538 **Analyze** 08/23/21 01:44 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 | | | | | | | |


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**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

**Customer:** GVB Oregon
United States of America (USA)
**Product identity:** T-Compliant Distillate B#3146 Dup
**Client/Metrc ID:**
**Sample Date:** 08/19/21 12:00
**Laboratory ID:** 21-009594-0002
**Evidence of Cooling:** No
**Temp:** 12.2 °C
**Relinquished by:** Giuffrida

## Sample Results

Potency **Method** J AOAC 2015 V98-6 (mod) **Units** % **Batch:** 2107625 **Analyze:** 8/24/21 9:17:00 PM

| Analyte | As Received | Dry weight | LOQ | Notes |
|---|---|---|---|---|
| CBC | 0.862 | | 0.0953 | |
| CBC-A† | < LOQ | | 0.0953 | |
| CBC-Total† | 0.862 | | 0.179 | |
| CBD | 92.2 | | 0.953 | |
| CBD-A | < LOQ | | 0.0953 | |
| CBD-Total | 92.2 | | 1.04 | |
| CBDV† | 0.367 | | 0.0953 | |
| CBDV-A† | < LOQ | | 0.0953 | |
| CBDV-Total† | 0.367 | | 0.178 | |
| CBE† | 0.788 | | 0.0953 | |
| CBG† | 0.279 | | 0.0953 | |
| CBG-A† | < LOQ | | 0.0953 | |
| CBG-Total | 0.279 | | 0.178 | |
| CBL† | < LOQ | | 0.0953 | |
| CBL-A† | < LOQ | | 0.0953 | |
| CBL-Total† | < LOQ | | 0.179 | |
| CBN | 0.453 | | 0.0953 | |
| CBT† | 0.677 | | 0.0953 | |
| Δ8-THC† | < LOQ | | 0.0953 | |
| Δ8-THCV | < LOQ | | 0.0953 | |
| Δ9-THC | 0.190 | | 0.0953 | |
| THC-A | < LOQ | | 0.0953 | |
| THC-Total | 0.190 | | 0.179 | |
| THCV† | < LOQ | | 0.0953 | |
| THCV-A† | < LOQ | | 0.0953 | |
| THCV-Total† | < LOQ | | 0.178 | |
| **Total Cannabinoids**† | 95.8 | | | |

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**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

Solvents **Method** Residual Solvents by GC/MS **Units** µg/g **Batch** 2107493 **Analyze** 08/20/21 06:39 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 | < 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 | 20.0 | 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 | 60.0 | 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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**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

Pesticides **Method** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2107538 **Analyze** 08/23/21 01:44 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 | | | | | | | |


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503-254-1794

| | |
|---|---|
| **Report Number:** | 21-009594/D004.R000 |
| **Report Date:** | 08/27/2021 |
| **ORELAP#:** | OR100028 |
| **Purchase Order:** | |
| **Received:** | 08/20/21 07:55 |

***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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**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

## Statistical Analysis:
## T-Compliant Distillate B#3146

| | Analysis mg/g | | | | | | |
|---|---|---|---|---|---|---|---|
| | CBD | CBD-A | CBD-Total | CBN | THC | THC-A | THC-Total |
| 21-009594-0001 | 891 | < 0.981 | 891 | 5.88 | 2.33 | < 0.981 | 2.33 |
| 21-009594-0002 | 922 | < 0.953 | 922 | 4.53 | 1.9 | < 0.953 | 1.9 |
| Average mg/g | 906.5 | n/a | 906.5 | 5.205 | 2.115 | n/a | 2.115 |
| Stdev | 15.5 | 0.000 | 15.5 | 0.675 | 0.215 | 0.000 | 0.215 |
| %RPD | 3.4% | 0.0% | 3.4% | 25.9% | 20.3% | 0.0% | 20.3% |
| Pass/Fail (<15%RPD) | n/a | n/a | n/a | n/a | n/a | n/a | Fail |


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**Purchase Order:**
**Received:** 08/20/21 07:55

12423 NE Whitaker Way
Portland OR, 97230
Phone: (503)254-1794 Fax: (503)254-1452

## Cannabis Chain of Custody Record

Columbia LABORATORIES
ORELAP ID: OR100028
OLCC license #: 1003224D558

| Client Information | | Purchase Order: | |
|---|---|---|---|
| Company: | GVB Biopharma | Project #: | 21-009594 |
| Contact: | Chelsea Thomas | Project ID: | 21-009594 |
| Address: | 212 NE North St., Grass Valley, Oregon 97029 | ☐ - | Send to State (METRC) &/or OHA |
| Email: | rob@gvbbiopharma.com | ☐ - | Email Final Results: |
| Phone: | 909-660-2939 Fax: | | |
| Processor's License: | AG-R1065475IHH | Bill to email/address: | |

| Sample # | Columbia Sample ID | Lot#/Metrc Tag ID# | Matrix | Product/Strain Name | Date Sampled | Sample Weight (g) | Analysis Requested: Pesticides - OR 59 Compounds | Pesticide Multi-Residue - 379 Compounds | Potency | Residual Solvents | Water Activity | Moisture | Terpenes | Micro: Yeast & Mold | Micro: E.Coli & Total Coliform | Heavy Metals | Mycotoxins | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 21-009594-0001 | | Extract - Distillate | T-Compliant Distillate B#3146 F | 8/19/2021 | 16.00 | ✓ | | ✓ | ✓ | | | | | | | | |
| 2 | 21-009594-0002 | | Extract - Distillate | T-Compliant Distillate B#3146 I | 8/19/2021 | 16.00 | ✓ | | ✓ | ✓ | | | | | | | | |
| 3 | 21-009594-0003 | | Extract - Distillate | Delta-8 Distillate B#16004 Prim | 8/19/2021 | 16.00 | ✓ | | ✓ | ✓ | | | | | | | | |
| 4 | 21-009594-0004 | | Extract - Distillate | Delta-8 Distillate B#16004 Dup | 8/19/2021 | 16.00 | ✓ | | ✓ | ✓ | | | | | | | | |
| 5 | 21-009594-0005 | n/a | Extract - Distillate | Transport Blank - No Charge to | 8/19/2021 | 1g | | | | ✓ | | | | | | | | |

| Collected By: | Relinquished By: | Date | Time | Received By: | Date | Time |
|---|---|---|---|---|---|---|
| ☐ Standard 5 day | | 8/19/21 | 12:48 | | 8/19/21 | 12:48 |
| ☒ Rush (1.5 x Standard) | | 8/19/21 | 15:22 | | 8/19/21 | 7:55 |
| ☐ Priority Rush (2 x Standard) | | | | | | |
| Ask About Availability | | | | | | |

**Labs Use Only:**
Client Alias: _____
Order Number: _____
☐ Proper Container
☐ Sample Condition
☐ Temperature: °C 12.2
☒ Shipped Via: Courier
Evidence of cooling: ☐Yes ☐ No





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Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

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

| | |
|---|---|
| **Report Number:** | 21-009594/D004.R000 |
| **Report Date:** | 08/27/2021 |
| **ORELAP#:** | OR100028 |
| **Purchase Order:** | |
| **Received:** | 08/20/21 07:55 |

12423 NE Whitaker Way
Portland OR, 97230
Phone: (503)254-1794 Fax: (503)254-1452

## Cannabis Chain of Custody Record

ORELAP ID: OR100028
OLCC license #: 1003224D558

**SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO COLUMBIA LABORATORIES WILL BE UNDERSTOOD TO BE AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH THE CONDITIONS LISTED ON THE LAST PAGE OF THIS FORM**





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Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 21-009594/D004.R000
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Portland OR, 97230
Phone: (503)254-1794 Fax: (503)254-1452

## Cannabis Chain of Custody Record

Columbia LABORATORIES
ORELAP ID: OR100028
OLCC license #: 1003224D558

| Chain of Custody Instructions | |
|---|---|
| **REPORT ATTENTION -** | Name of the person who receives the labs report |
| **CUSTOMER NAME -** | Name of the company or individual requesting the analysis. |
| **MAILING ADDRESS -** | Address of the customer to which the labs report and billings should be sent. |
| **REPORT INSTRUCTIONS -** | A brief description of any special mail or transmittal instruction or address information pertaining to extra report copies. |
| **PROJECT NAME -** | Applies to customer project name. |
| **PROJECT NUMBER -** | Applies only to samples submitted by the customer for its internal identification purposes. |
| **REPORTING REQUEST STATE COMPLIANCE** | **Applies to all samples MUST BE CHECKED FOR ALL COMPLIANCE WORK REQUESTED for reporting to METRC** |
| **SAMPLE ID -** | A short description of the sample point and material to be analyzed. This description will appear on the report. |
| **COLLECTION DATE -** | The date on which the sample(s) was/were collected. |
| **COLLECTION TIME -** | The time at which the sample(s) was/were collected. |
| **MEDIA -** | This is a description of the sample media (e.g., drinking water, waste water, soil, etc.) |
| **ANALYSIS REQUESTED -** | Use one line for each analysis or group of analyses associated to a specific bottle or container. |
| **SAMPLE COLLECTED BY -** | The person who collected the sample(s) signs here. |
| **RELINQUISHED BY -** | The sampler signs this box when he/she gives the sample to someone else, and then fills in the date/time the sample left his/her possession, etc. |
| **RECEIVED BY -** | The person who receives the sample(s) signs here and fills in the date/time received. The date and time should be same as "Relinquished by" unless the sample(s) was shipped. |
| **JOB OR SAMPLE REMARKS -** | General sample or job remarks such as high concentrations, or hazardous content. |
| **AUTHORIZED CUSTOMER SIGNATURE -** | Form must be signed by authorized representative of customer. |

### TERMS AND CONDITION

**PRICING AND CHARGES** - Prices to be charged for work performed for CUSTOMER are those currently published in the COLUMBIA LABORATORIES LABS, LLC (COLUMBIA LABORATORIES) standard price book unless otherwise agreed in writing by the CUSTOMER and COLUMBIA LABORATORIES. CUSTOMER must notify COLUMBIA LABORATORIES of price quotation at the time of the transfer of sample(s) to COLUMBIA LABORATORIES. Any cancellation of testing requirements will result in charges being assessed on all testing completed prior to the notice of cancellation. Unless otherwise agreed upon, samples containing hazardous material, will be shipped back to client at their expense, or disposed of at a certain fee, waste category dependent.

**DELIVERY AND LIABILITY LIMITATIONS** The specific format of the goods will be defined by CUSTOMER to COLUMBIA LABORATORIES upon delivery of the sample(s) to COLUMBIA LABORATORIES. COLUMBIA LABORATORIES will analyze samples provided by CUSTOMER as requested by CUSTOMER in accordance with the procedures documented in the COLUMBIA LABORATORIES Quality Assurance Plan (QAP). Samples are retained for 15-days. If additional time is desired, then a written request is required and an additional monthly fee will apply.

**CONFIDENTIALITY -** COLUMBIA LABORATORIES will use its best efforts to treat all information regarding work performed for CUSTOMER as proprietary and confidential. No CUSTOMER information will be released to third persons without the written request of the CUSTOMER.

**LIMITATION OF LIABILITY AND WARRANTY**

COLUMBIA LABORATORIES gives no warranty, express or implied, or of fitness for a particular purpose, in connection with its analytical testing or reporting. Any liability of COLUMBIA LABORATORIES to CUSTOMER or any third party shall be limited to the cost of analysis charged to CUSTOMER.

**PAST DUE ACCOUNTS**

Credit line account are payable within 30 days. Accounts that are past 60 days will incur 1½% per month on all sums past due until paid in full. Customer agrees to pay the interest as a service charge and all of COLUMBIA LABORATORIES's collection costs, including reasonable attorney fees.

**EXPERT TESTIMONY AND COURT APPEARANCES**

In the event CUSTOMER requires the further written opinion or testimony of any employee of COLUMBIA LABORATORIES, including response to a subpoena issued by CUSTOMER or any third person, CUSTOMER agrees to pay such additional fees and expenses as may be reasonably assessed by COLUMBIA LABORATORIES.

**ALTERNATIVE DISPUTE RESOLUTION (ADR)**

Any disputes arising out of this Agreement or the analytical testing of reporting of COLUMBIA LABORATORIES shall be settled through mediation and/or arbitration rather than litigation, and the cost of the ADR shall be borne equally by both parties.

**APPLICABLE LAW**

Legal matters arising from work performed by COLUMBIA LABORATORIES for CUSTOMER will be construed and interpreted in accordance with the laws for the state of Oregon.





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Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

Columbia Laboratories
Sampling Record/Field Data

CS Labs Sampling Template Revision 0.00 Control CF041
Revision date: 01/07/2021 Effective Date DRAFT/2021

Processor/Client: GVB Biopharma
Location: 212 NE North St. Grass Valley, Oregon 97029
OHA License #: AG-R1065475IHH
Requester: .
SOP: C913_Extracts and Concentrate Sampling

Date: 8/19/2021
Sampler: Giuffrida
Sampling Event/Project ID: 21-009594
Balance ID: B-20
Thermometer ID:

| Weight Used (g) | Serial # | Acceptance Limits | Initial Measured | Initial Result | Final Measured | Final Result |
|---|---|---|---|---|---|---|
| 0.10 | CFL-000481 | (+/-0.0005g): | 0.10 | Acceptable | 0.10 | Acceptable |
| 50.00 | CFL-000482 | (+/-0.025g): | 50.00 | Acceptable | 50.00 | Acceptable |

| Container type | Batch #,Lot # or METRC ID | | Product type | Strain ID | Harvest/Prod Date | | Batch size (lbs.) | |
|---|---|---|---|---|---|---|---|---|
| Glass Jar | n/a | | Extract - Distillate | mpliant Distillate B#3146 Pri | n/a | | 132.00 | |
| | Product Temp © | # of containers | # of Increments | primary sample (ml) | | | | |
| | 48.4 | 1 | 16 | 1.00 | | | | |

Increment Log

| Increment ID #1 ID | Sample Media | Container ID | Inc. Zone | Media Wt. (g) | Vol. Sample (ml) | Wt. Inc. & Media (g) | Sample Weight | MetrcID |
|---|---|---|---|---|---|---|---|---|
| 21-009594-0001 | 10ml Vial | Container ID.1 | m2 | 15.12 | 1.0 | 16.12 | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | m4 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | t3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | t3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | t3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | t4 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | b3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | b3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | m4 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | m1 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | m1 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | t4 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | m3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | b3 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | m4 | | 1.0 | | 1.00 | |
| 21-009594-0001 | 10ml Vial | Container ID.1 | b2 | | 1.0 | | 1.00 | |
| Totals | | | | | | | 16.00 | |

| Observations: | batch numbers | marks/labels | container types/sizes | Uniform | plant colors | Shape & Size | Plan or Procedure |
|---|---|---|---|---|---|---|---|
| Note any inconsistencies or abnormalities | No | No | No | No | No | No | No |

Comments:

| Container type | Batch #,Lot # or METRC ID | | Product type | Strain ID | Harvest/Prod Date | | Batch size (lbs.) | |
|---|---|---|---|---|---|---|---|---|
| Glass Jar | n/a | | Extract - Distillate | ompliant Distillate B#3146 D | n/a | | 132.00 | |
| | Product Temp © | # of containers | # of Increments | primary sample (ml) | | | | |
| | 48.4 | 1 | 16 | 1.00 | | | | |

Increment Log

| Increment ID #1 ID | Sample Media | Container ID | Inc. Zone | Media Wt. (g) | Vol. Sample (ml) | Wt. Inc. & Media (g) | Sample Weight | MetrcID |
|---|---|---|---|---|---|---|---|---|
| 21-009594-0002 | 10ml Vial | Container ID.1 | m4 | 15.20 | 1.0 | 16.20 | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | t2 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m2 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m2 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | t2 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m2 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | t4 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m1 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m3 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m4 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | b1 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m2 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m1 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | m1 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | t4 | | 1.0 | | 1.00 | |
| 21-009594-0002 | 10ml Vial | Container ID.1 | b1 | | 1.0 | | 1.00 | |
| Totals | | | | | | | 16.00 | |

| Observations: | batch numbers | marks/labels | container types/sizes | Uniform | plant colors | Shape & Size | Plan or Procedure |
|---|---|---|---|---|---|---|---|
| Note any inconsistencies or abnormalities | No | No | No | No | No | No | No |

Comments:

| Container type | Batch #,Lot # or METRC ID | | Product type | Strain ID | Harvest/Prod Date | | Batch size (lbs.) | |
|---|---|---|---|---|---|---|---|---|
| Glass Jar | n/a | | Extract - Distillate | ta-8 Distillate B#16004 Prim | n/a | | 220.00 | |
| | Product Temp © | # of containers | # of Increments | primary sample (ml) | | | | |
| | 75.1 | 1 | 16 | 1.00 | | | | |

Increment Log

| Increment ID #1 ID | Sample Media | Container ID | Inc. Zone | Media Wt. (g) | Vol. Sample (ml) | Wt. Inc. & Media (g) | Sample Weight | MetrcID |
|---|---|---|---|---|---|---|---|---|
| 21-009594-0003 | 10ml Vial | Container ID.1 | b2 | 14.90 | 1.0 | 15.90 | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t2 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t2 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t2 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t1 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | b2 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | m1 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | m2 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | m4 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | m4 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | b1 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t2 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t1 | | 1.0 | | 1.00 | |
| 21-009594-0003 | 10ml Vial | Container ID.1 | t4 | | 1.0 | | 1.00 | |

OLCC license #: 1003224D558
ORELAP#: OR100028



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Portland, OR 97230
503-254-1794

| | |
|---|---|
| **Report Number:** | 21-009594/D004.R000 |
| **Report Date:** | 08/27/2021 |
| **ORELAP#:** | OR100028 |
| **Purchase Order:** | |
| **Received:** | 08/20/21 07:55 |





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**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

**Laboratory Quality Control Results**

**Residual Solvents** **Batch ID:** 2107493

| Method Blank | | | | | Laboratory Control Sample | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Analyte** | **Result** | | **LOQ** | **Notes** | **Result** | **Spike** | **Units** | **% Rec** | **Limits** | | **Notes** |
| Propane | ND | < | 200 | | 524 | 595 | µg/g | 88.1 | 70 | - 130 | |
| Isobutane | ND | < | 200 | | 622 | 761 | µg/g | 81.7 | 70 | - 130 | |
| Butane | ND | < | 200 | | 624 | 761 | µg/g | 82.0 | 70 | - 130 | |
| 2,2-Dimethylpropane | ND | < | 200 | | 897 | 955 | µg/g | 93.9 | 70 | - 130 | |
| Methanol | ND | < | 200 | | 1750 | 1610 | µg/g | 108.7 | 70 | - 130 | |
| Ethylene Oxide | ND | < | 30 | | 46.2 | 58.3 | µg/g | 79.2 | 70 | - 130 | |
| 2-Methylbutane | ND | < | 200 | | 1460 | 1610 | µg/g | 90.7 | 70 | - 130 | |
| Pentane | ND | < | 200 | | 1540 | 1620 | µg/g | 95.1 | 70 | - 130 | |
| Ethanol | ND | < | 200 | | 1680 | 1610 | µg/g | 104.3 | 70 | - 130 | |
| Ethyl Ether | ND | < | 200 | | 1680 | 1610 | µg/g | 104.3 | 70 | - 130 | |
| 2,2-Dimethylbutane | ND | < | 30 | | 163 | 172 | µg/g | 94.8 | 70 | - 130 | |
| Acetone | ND | < | 200 | | 1600 | 1600 | µg/g | 100.0 | 70 | - 130 | |
| 2-Propanol | ND | < | 200 | | 1670 | 1620 | µg/g | 103.1 | 70 | - 130 | |
| Acetonitrile | ND | < | 100 | | 510 | 501 | µg/g | 101.8 | 70 | - 130 | |
| 2,3-Dimethylbutane | ND | < | 30 | | 150 | 163 | µg/g | 92.0 | 70 | - 130 | |
| Dichloromethane | ND | < | 60 | | 463 | 483 | µg/g | 95.9 | 70 | - 130 | |
| 2-Methylpentane | ND | < | 30 | | 157 | 164 | µg/g | 95.7 | 70 | - 130 | |
| 3-Methylpentane | ND | < | 30 | | 174 | 164 | µg/g | 106.1 | 70 | - 130 | |
| Hexane | ND | < | 30 | | 177 | 163 | µg/g | 108.6 | 70 | - 130 | |
| Ethyl acetate | ND | < | 200 | | 1700 | 1610 | µg/g | 105.6 | 70 | - 130 | |
| 2-Butanol | ND | < | 200 | | 1620 | 1620 | µg/g | 100.0 | 70 | - 130 | |
| Tetrahydrofuran | ND | < | 100 | | 461 | 500 | µg/g | 92.2 | 70 | - 130 | |
| Cyclohexane | ND | < | 200 | | 1460 | 1610 | µg/g | 90.7 | 70 | - 130 | |
| Benzene | ND | < | 1 | | 3.86 | 5.42 | µg/g | 71.2 | 70 | - 130 | |
| Isopropyl Acetate | ND | < | 200 | | 1560 | 1600 | µg/g | 97.5 | 70 | - 130 | |
| Heptane | ND | < | 200 | | 1600 | 1600 | µg/g | 100.0 | 70 | - 130 | |
| 1,4-Dioxane | ND | < | 100 | | 581 | 490 | µg/g | 118.6 | 70 | - 130 | |
| 2-Ethoxyethanol | ND | < | 30 | | 153 | 163 | µg/g | 93.9 | 70 | - 130 | |
| Ethylene Glycol | ND | < | 200 | | 454 | 484 | µg/g | 93.8 | 70 | - 130 | |
| Toluene | ND | < | 200 | | 522 | 482 | µg/g | 108.3 | 70 | - 130 | |
| Ethylbenzene | ND | < | 200 | | 1010 | 970 | µg/g | 104.1 | 70 | - 130 | |
| m,p-Xylene | ND | < | 200 | | 891 | 991 | µg/g | 89.9 | 70 | - 130 | |
| o-Xylene | ND | < | 200 | | 805 | 967 | µg/g | 83.2 | 70 | - 130 | |
| Cumene | ND | < | 30 | | 149 | 169 | µg/g | 88.2 | 70 | - 130 | |
| Trichloroethylene | ND | < | 1 | | 0.837 | 1 | µg/g | 83.7 | 70 | - 130 | |
| Chloroform | ND | < | 1 | | 0.904 | 1 | µg/g | 90.4 | 70 | - 130 | |
| 1,2-Dichloroethane | ND | < | 1 | | 1.02 | 1 | µg/g | 102.0 | 70 | - 130 | |


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Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

**QC - Sample Duplicate** **Sample ID: 21-009594-0001**

| 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 | 60 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Hexane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl acetate | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Butanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Tetrahydrofuran | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Cyclohexane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Benzene | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Isopropyl Acetate | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Heptane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,4-Dioxane | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Ethoxyethanol | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Glycol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Toluene | ND | ND | 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 | |
| Trichloroethylene | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| Chloroform | ND | ND | 1 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,2-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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Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

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:** 2107538

| Method Blank | | | | Laboratory Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Analyte** | **Blank Result** | **Blank Limits** | **Notes** | **LCS Result** | **LCS Spike** | **LCS % Rec** | **Limits** | | **Notes** |
| Acephate | 0.060 | < 0.250 | | 1.258 | 1.000 | 125.8 | 69.6 - 129 | | |
| Acequinocyl | 0.000 | < 1.000 | | 6.726 | 4.000 | ***168.1*** | 71.0 - 132 | | Q1 |
| Acetamiprid | 0.000 | < 0.100 | | 0.467 | 0.400 | 116.9 | 70.3 - 130 | | |
| Aldicarb | 0.000 | < 0.200 | | 0.795 | 0.800 | 99.4 | 73.3 - 136 | | |
| Abamectin | 0.000 | < 0.250 | | 1.160 | 1.000 | 116.0 | 70.3 - 131 | | |
| Azoxystrobin | 0.000 | < 0.100 | | 0.469 | 0.400 | 117.3 | 69.4 - 129 | | |
| Bifenazate | 0.000 | < 0.100 | | 0.507 | 0.400 | 126.7 | 73.9 - 137 | | |
| Bifenthrin | 0.000 | < 0.100 | | 0.495 | 0.400 | 123.7 | 69.7 - 129 | | |
| Boscalid | 0.000 | < 0.200 | | 0.841 | 0.800 | 105.2 | 69.7 - 129 | | |
| Carbaryl | 0.010 | < 0.100 | | 0.480 | 0.400 | 119.9 | 69.6 - 129 | | |
| Carbofuran | 0.030 | < 0.100 | | 0.353 | 0.400 | 88.2 | 71.1 - 132 | | |
| Chlorantraniliprol | 0.000 | < 0.100 | | 0.484 | 0.400 | 121.1 | 70.6 - 131 | | |
| Chlorfenapyr | 0.000 | < 0.500 | | 2.358 | 2.000 | 117.9 | 70.3 - 130 | | |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.479 | 0.400 | 119.9 | 68.5 - 127 | | |
| Clofentezine | 0.000 | < 0.100 | | 0.405 | 0.400 | 101.2 | 69.6 - 129 | | |
| Cyfluthrin | 0.000 | < 0.500 | | 2.566 | 2.000 | 128.3 | 70.7 - 131 | | |
| Cypermethrin | 0.000 | < 0.500 | | 2.498 | 2.000 | 124.9 | 70.3 - 131 | | |
| Daminozide | 0.073 | < 0.500 | | 2.252 | 2.000 | 112.6 | 71.6 - 133 | | |
| Diazinon | 0.000 | < 0.100 | | 0.504 | 0.400 | 125.9 | 69.3 - 129 | | |
| Dichlorvos | 0.000 | < 0.500 | | 2.173 | 2.000 | 108.7 | 68.0 - 126 | | |
| Dimethoat | 0.000 | < 0.100 | | 0.464 | 0.400 | 116.0 | 70.1 - 130 | | |
| Ethoprophos | 0.000 | < 0.100 | | 0.447 | 0.400 | 111.7 | 69.1 - 128 | | |
| Etofenprox | 0.000 | < 0.200 | | 2.200 | 0.800 | ***275.1*** | 70.1 - 130 | | Q1 |
| Etoxazol | 0.000 | < 0.100 | | 0.468 | 0.400 | 117.1 | 69.8 - 130 | | |
| Fenoxycarb | 0.000 | < 0.100 | | 0.454 | 0.400 | 113.5 | 69.5 - 129 | | |
| Fenpyroximat | 0.000 | < 0.200 | | 0.884 | 0.800 | 110.5 | 69.8 - 130 | | |
| Fipronil | 0.000 | < 0.200 | | 0.934 | 0.800 | 116.7 | 71.3 - 132 | | |
| Flonicamid | 0.000 | < 0.250 | | 1.195 | 1.000 | 119.5 | 70.1 - 130 | | |
| Fludioxonil | 0.000 | < 0.200 | | 1.175 | 0.800 | ***146.8*** | 72.0 - 134 | | Q1 |
| Hexythiazox | 0.000 | < 0.250 | | 1.094 | 1.000 | 109.4 | 68.4 - 127 | | |
| Imazalil | 0.000 | < 0.100 | | 0.447 | 0.400 | 111.8 | 71.8 - 133 | | |
| Imidacloprid | 0.000 | < 0.200 | | 0.930 | 0.800 | 116.3 | 69.1 - 128 | | |
| Kresoxim-Methyl | 0.000 | < 0.200 | | 0.970 | 0.800 | 121.3 | 69.8 - 130 | | |
| Malathion | 0.000 | < 0.100 | | 0.433 | 0.400 | 108.2 | 69.3 - 129 | | |
| Metalaxyl | 0.000 | < 0.100 | | 0.455 | 0.400 | 113.8 | 70.1 - 130 | | |
| Methiocarb | 0.000 | < 0.100 | | 0.455 | 0.400 | 113.8 | 69.8 - 130 | | |
| Methomyl | 0.000 | < 0.200 | | 0.891 | 0.800 | 111.4 | 69.5 - 129 | | |
| MGK 264 | 0.000 | < 0.100 | | 0.505 | 0.400 | 126.1 | 69.3 - 129 | | |
| Myclobutanil | 0.000 | < 0.100 | | 0.503 | 0.400 | 125.8 | 69.6 - 129 | | |
| Naled | 0.000 | < 0.250 | | 1.503 | 1.000 | ***150.3*** | 71.4 - 133 | | Q1 |
| Oxamyl | 0.000 | < 0.500 | | 2.124 | 2.000 | 106.2 | 70.4 - 131 | | |
| Paclobutrazol | 0.000 | < 0.200 | | 0.972 | 0.800 | 121.6 | 70.3 - 131 | | |
| Parathion Methyl | 0.000 | < 0.200 | | 1.018 | 0.800 | 127.3 | 71.5 - 133 | | |
| Permethrin | 0.000 | < 0.100 | | 0.415 | 0.400 | 103.8 | 69.2 - 128 | | |
| Phosmet | 0.000 | < 0.100 | | 0.461 | 0.400 | 115.2 | 69.2 - 129 | | |
| Piperonyl butoxide | 0.000 | < 0.500 | | 1.575 | 2.000 | 78.8 | 70.5 - 131 | | |
| Prallethrin | 0.000 | < 0.100 | | 0.505 | 0.400 | 126.2 | 70.3 - 130 | | |
| Propiconazole | 0.000 | < 0.200 | | 0.982 | 0.800 | 122.8 | 69.7 - 130 | | |
| Propoxur | 0.035 | < 0.100 | | 0.420 | 0.400 | 105.1 | 69.4 - 129 | | |
| Pyrethrins | 0.000 | < 0.100 | | 0.451 | 0.413 | 109.3 | 68.4 - 127 | | |
| Pyridaben | 0.000 | < 0.100 | | 0.388 | 0.400 | 97.0 | 69.1 - 128 | | |
| Spinosad | 0.000 | < 0.100 | | 0.503 | 0.388 | 129.7 | 72.2 - 134 | | |
| Spiromesifen | 0.000 | < 0.100 | | 0.473 | 0.400 | 118.3 | 70.6 - 131 | | |
| Spirotetramat | 0.000 | < 0.100 | | 0.458 | 0.400 | 114.5 | 69.9 - 130 | | |
| Spiroxamine | 0.000 | < 0.200 | | 0.940 | 0.800 | 117.4 | 68.1 - 127 | | |
| Tebuconazol | 0.000 | < 0.200 | | 0.932 | 0.800 | 116.5 | 69.6 - 129 | | |
| Thiacloprid | 0.000 | < 0.100 | | 0.483 | 0.400 | 120.7 | 69.4 - 129 | | |
| Thiamethoxam | 0.000 | < 0.100 | | 0.472 | 0.400 | 118.1 | 69.5 - 129 | | |
| Trifloxystrobin | 0.000 | < 0.100 | | 0.460 | 0.400 | 115.1 | 69.8 - 130 | | |





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503-254-1794

**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

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:** 2107538

**Matrix Spike/Matrix Spike Duplicate Recoveries** — **Sample ID:** 21-009639-0001

| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | MS % Rec | MSD % Rec | Limits | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| Acephate | 0.000 | 0.980 | 0.922 | 1.000 | 6.1% | < 30 | 98.0% | 92.2% | 50 - 150 | |
| Acequinocyl | 0.000 | 2.618 | 2.909 | 4.000 | 10.5% | < 30 | 65.4% | 72.7% | 50 - 150 | |
| Acetamiprid | 0.000 | 0.370 | 0.372 | 0.400 | 0.5% | < 30 | 92.6% | 93.1% | 50 - 150 | |
| Aldicarb | 0.000 | 0.716 | 0.948 | 0.800 | 27.9% | < 30 | 89.5% | 118.5% | 50 - 150 | |
| Abamectin | 0.000 | 0.861 | 0.805 | 1.000 | 6.7% | < 30 | 86.1% | 80.5% | 50 - 150 | |
| Azoxystrobin | 0.000 | 0.294 | 0.298 | 0.400 | 1.5% | < 30 | 73.4% | 74.5% | 50 - 150 | |
| Bifenazate | 0.000 | 0.407 | 0.434 | 0.400 | 6.5% | < 30 | 101.6% | 108.4% | 50 - 150 | |
| Bifenthrin | 0.000 | 0.217 | 0.275 | 0.400 | 23.6% | < 30 | 54.3% | 68.9% | 50 - 150 | |
| Boscalid | 0.000 | 0.836 | 0.891 | 0.800 | 6.4% | < 30 | 104.5% | 111.3% | 50 - 150 | |
| Carbaryl | 0.000 | 0.336 | 0.344 | 0.400 | 2.4% | < 30 | 84.0% | 86.0% | 50 - 150 | |
| Carbofuran | 0.000 | 0.265 | 0.288 | 0.400 | 8.3% | < 30 | 66.3% | 72.1% | 50 - 150 | |
| Chlorantraniliprol | 0.000 | 0.339 | 0.353 | 0.400 | 4.0% | < 30 | 84.9% | 88.3% | 50 - 150 | |
| Chlorfenapyr | 0.000 | 0.921 | 1.171 | 2.000 | 23.9% | < 30 | 46.0% | 58.5% | 50 - 150 | Q |
| Chlorpyrifos | 0.000 | 0.185 | 0.185 | 0.400 | 0.0% | < 30 | 46.3% | 46.3% | 50 - 150 | Q |
| Clofentezine | 0.000 | 0.172 | 0.174 | 0.400 | 1.3% | < 30 | 43.0% | 43.6% | 50 - 150 | Q |
| Cyfluthrin | 0.000 | 0.744 | 0.949 | 2.000 | 24.2% | < 30 | 37.2% | 47.5% | 30 - 150 | |
| Cypermethrin | 0.000 | 1.395 | 1.163 | 2.000 | 18.2% | < 30 | 69.7% | 58.1% | 50 - 150 | |
| Daminozide | 0.000 | 1.895 | 1.827 | 2.000 | 3.7% | < 30 | 94.8% | 91.3% | 30 - 150 | |
| Diazinon | 0.000 | 0.306 | 0.319 | 0.400 | 4.1% | < 30 | 76.6% | 79.8% | 50 - 150 | |
| Dichlorvos | 0.000 | 1.530 | 1.504 | 2.000 | 1.7% | < 30 | 76.5% | 75.2% | 50 - 150 | |
| Dimethoat | 0.000 | 0.380 | 0.365 | 0.400 | 3.8% | < 30 | 94.9% | 91.3% | 50 - 150 | |
| Ethoprophos | 0.000 | 0.412 | 0.400 | 0.400 | 2.8% | < 30 | 102.9% | 100.1% | 50 - 150 | |
| Etofenprox | 0.000 | 0.984 | 1.520 | 0.800 | 42.8% | < 30 | 123.0% | 190.0% | 50 - 150 | R, Q1 |
| Etoxazol | 0.000 | 0.353 | 0.327 | 0.400 | 7.5% | < 30 | 88.1% | 81.8% | 50 - 150 | |
| Fenoxycarb | 0.000 | 0.329 | 0.303 | 0.400 | 8.0% | < 30 | 82.2% | 75.9% | 50 - 150 | |
| Fenpyroximat | 0.000 | 0.672 | 0.759 | 0.800 | 12.3% | < 30 | 83.9% | 94.9% | 50 - 150 | |
| Fipronil | 0.000 | 0.396 | 0.397 | 0.800 | 0.3% | < 30 | 49.5% | 49.6% | 50 - 150 | Q |
| Flonicamid | 0.000 | 0.875 | 0.952 | 1.000 | 8.5% | < 30 | 87.5% | 95.2% | 50 - 150 | |
| Fludioxonil | 0.000 | 0.586 | 0.786 | 0.800 | 29.1% | < 30 | 73.3% | 98.3% | 50 - 150 | |
| Hexythiazox | 0.000 | 0.118 | 0.144 | 1.000 | 20.4% | < 30 | 11.8% | 14.4% | 50 - 150 | Q |
| Imazalil | 0.000 | 0.347 | 0.344 | 0.400 | 0.7% | < 30 | 86.7% | 86.1% | 50 - 150 | |
| Imidacloprid | 0.000 | 0.853 | 0.805 | 0.800 | 5.7% | < 30 | 106.6% | 100.7% | 50 - 150 | |
| Kresoxim-Methyl | 0.000 | 0.644 | 0.668 | 0.800 | 3.7% | < 30 | 80.5% | 83.5% | 50 - 150 | |
| Malathion | 0.000 | 0.372 | 0.400 | 0.400 | 7.5% | < 30 | 92.9% | 100.1% | 50 - 150 | |
| Metalaxyl | 0.000 | 0.358 | 0.345 | 0.400 | 3.6% | < 30 | 89.5% | 86.3% | 50 - 150 | |
| Methiocarb | 0.000 | 0.336 | 0.346 | 0.400 | 2.8% | < 30 | 84.1% | 86.5% | 50 - 150 | |
| Methomyl | 0.000 | 0.725 | 0.953 | 0.800 | 27.2% | < 30 | 90.6% | 119.1% | 50 - 150 | |
| MGK 264 | 0.000 | 0.086 | 0.088 | 0.400 | 2.6% | < 30 | 21.4% | 22.0% | 50 - 150 | Q |
| Myclobutanil | 0.000 | 0.355 | 0.377 | 0.400 | 6.0% | < 30 | 88.7% | 94.2% | 50 - 150 | |
| Naled | 0.000 | 0.664 | 0.700 | 1.000 | 5.3% | < 30 | 66.4% | 70.0% | 50 - 150 | |
| Oxamyl | 0.000 | 1.706 | 1.832 | 2.000 | 7.1% | < 30 | 85.3% | 91.6% | 50 - 150 | |
| Paclobutrazol | 0.003 | 0.708 | 0.749 | 0.800 | 5.8% | < 30 | 88.0% | 93.3% | 50 - 150 | |
| Parathion Methyl | 0.000 | 0.666 | 0.622 | 0.800 | 6.8% | < 30 | 83.3% | 77.8% | 30 - 150 | |
| Permethrin | 0.000 | 0.287 | 0.320 | 0.400 | 10.6% | < 30 | 71.8% | 79.9% | 50 - 150 | |
| Phosmet | 0.000 | 0.355 | 0.356 | 0.400 | 0.2% | < 30 | 88.7% | 88.9% | 50 - 150 | |
| Piperonyl butoxide | 0.000 | 1.691 | 2.360 | 2.000 | 33.0% | < 30 | 84.5% | 118.0% | 50 - 150 | R |
| Prallethrin | 0.000 | 0.237 | 0.222 | 0.400 | 6.5% | < 30 | 59.4% | 55.6% | 50 - 150 | |
| Propiconazole | 0.000 | 0.662 | 0.660 | 0.800 | 0.3% | < 30 | 82.8% | 82.5% | 50 - 150 | |
| Propoxur | 0.000 | 0.347 | 0.360 | 0.400 | 3.6% | < 30 | 86.7% | 89.9% | 50 - 150 | |
| Pyrethrins | 0.000 | 0.402 | 0.441 | 0.413 | 9.1% | < 30 | 97.3% | 106.7% | 50 - 150 | |
| Pyridaben | 0.000 | 0.237 | 0.210 | 0.400 | 12.3% | < 30 | 59.3% | 52.4% | 50 - 150 | |
| Spinosad | 0.000 | 0.289 | 0.308 | 0.388 | 6.6% | < 30 | 74.4% | 79.5% | 50 - 150 | |
| Spiromesifen | 0.000 | 0.246 | 0.248 | 0.400 | 0.8% | < 30 | 61.5% | 62.0% | 50 - 150 | |
| Spirotetramat | 0.000 | 0.426 | 0.444 | 0.400 | 4.1% | < 30 | 106.5% | 110.9% | 50 - 150 | |
| Spiroxamine | 0.000 | 0.766 | 0.787 | 0.800 | 2.6% | < 30 | 95.8% | 98.3% | 50 - 150 | |
| Tebuconazol | 0.000 | 0.681 | 0.708 | 0.800 | 3.9% | < 30 | 85.2% | 88.5% | 50 - 150 | |
| Thiacloprid | 0.000 | 0.340 | 0.321 | 0.400 | 5.7% | < 30 | 85.1% | 80.3% | 50 - 150 | |
| Thiamethoxam | 0.000 | 0.354 | 0.413 | 0.400 | 15.4% | < 30 | 88.5% | 103.2% | 50 - 150 | |
| Trifloxystrobin | 0.000 | 0.284 | 0.300 | 0.400 | 5.5% | < 30 | 71.1% | 75.0% | 50 - 150 | |





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Portland, OR 97230
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**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

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: 2107625**

**Laboratory Control Sample**

| Analyte | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|
| CBDVA | 0.190 | 0.2 | % | 95.2 | 85.0 - 115 | Acceptable | |
| CBDV | 0.205 | 0.2 | % | 103 | 85.0 - 115 | Acceptable | |
| CBE | 0.202 | 0.2 | % | 101 | 85.0 - 115 | Acceptable | |
| CBDA | 0.201 | 0.2 | % | 101 | 85.0 - 115 | Acceptable | |
| CBGA | 0.191 | 0.2 | % | 95.7 | 85.0 - 115 | Acceptable | |
| CBG | 0.198 | 0.2 | % | 98.9 | 85.0 - 115 | Acceptable | |
| CBD | 0.213 | 0.2 | % | 107 | 85.0 - 115 | Acceptable | |
| THCV | 0.196 | 0.2 | % | 97.8 | 85.0 - 115 | Acceptable | |
| d8THCV | 0.199 | 0.2 | % | 99.5 | 85.0 - 115 | Acceptable | |
| THCVA | 0.179 | 0.2 | % | 89.4 | 85.0 - 115 | Acceptable | |
| CBN | 0.217 | 0.2 | % | 109 | 85.0 - 115 | Acceptable | |
| exo-THC | 0.187 | 0.2 | % | 93.6 | 85.0 - 115 | Acceptable | |
| d9THC | 0.205 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| d8THC | 0.197 | 0.2 | % | 98.5 | 85.0 - 115 | Acceptable | |
| CBL | 0.180 | 0.2 | % | 90.0 | 85.0 - 115 | Acceptable | |
| CBC | 0.205 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| THCA | 0.199 | 0.2 | % | 99.5 | 85.0 - 115 | Acceptable | |
| CBCA | 0.181 | 0.2 | % | 90.7 | 85.0 - 115 | Acceptable | |
| CBLA | 0.202 | 0.2 | % | 101 | 85.0 - 115 | Acceptable | |
| CBT | 0.197 | 0.2 | % | 98.5 | 85.0 - 115 | Acceptable | |

**Method Blank**

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|
| CBDVA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBDV | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBE | <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 | |
| CBD | <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 | |
| d9THC | <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 | |
| CBLA | <LOQ | 0.1 | % | < 0.1 | Acceptable | |
| CBT | <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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12423 NE Whitaker Way
Portland, OR 97230
503-254-1794

**Report Number:** 21-009594/D004.R000
**Report Date:** 08/27/2021
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 08/20/21 07:55

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: 2107625**

**Sample Duplicate** Sample ID: **21-006903-0004**

| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|---|
| CBDVA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDV | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBG | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBD | <LOQ | <LOQ | 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 | >98.0 | >98.0 | 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 | |
| CBCA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.1 | % | NA | < 20 | Acceptable | |
| CBT | <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





Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.
Testing in accordance with: OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

Columbia LABORATORIES
A Tentamus Company

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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 | Quantitaion 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. |


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