Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 24-013314/D002.R000
**Report Date:** 12/05/2024
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 11/25/24 12:45

**Customer:** Seventh Hill Releaf LLC
**Product identity:** 30mg Caramel
**Client/Metrc ID:** .
**Laboratory ID:** 24-013314-0003

## Summary

### Potency:

| Analyte | Result | Limits | Units | Status |
|---|---|---|---|---|
| CBD | 0.0222 | | % | |
| Δ9-THC | 0.147 | | % | |

| Analyte per 17g | Result | Limits | Units | Status |
|---|---|---|---|---|
| CBD per 17g | 3.77 | | mg/17g | |
| Δ9-THC per 17g | 25.0 | | mg/17g | |

Delta-9-THC-Total per 25.0 mg/17g

CBD-Total per Serving Size 3.77 mg/17g

(Reported in milligrams per serving)

### Residual Solvents:

*All analytes passing and less than LOQ.*

### Pesticides:

| Analyte | Result (mg/kg) | Limits (mg/kg) | Status |
|---|---|---|---|
| Multi-Residue Pesticide Profile | < LOQ for all analytes | | |

### Metals:

*Less than LOQ for all analytes.*

### Microbiology:

*Less than LOQ for all analytes.*






Testing in accordance with: OAR 333-007-0430

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**Purchase Order:**
**Received:** 11/25/24 12:45

**Customer:** Seventh Hill Releaf LLC
215 S 19th St
Springfield Oregon 97477
United States of America (USA)

**Product identity:** 30mg Caramel
**Client/Metrc ID:** .
**Sample Date:**
**Laboratory ID:** 24-013314-0003
**Evidence of Cooling:** No
**Temp:** 18.9 °C
**Serving Size #1:** 17 g

## Sample Results

Potency **Method:** J AOAC 2015 V98-6 (mod)[b] **Units** % **Batch:** 2409277 **Analyze:** 12/2/24 8:44:00 PM

| Analyte | Result | Limits | Units | LOQ | Notes |
|---|---|---|---|---|---|
| CBC | < LOQ | | % | 0.00313 | |
| CBC-A | < LOQ | | % | 0.00313 | |
| CBC-Total | < LOQ | | % | 0.00588 | |
| CBD[⊥] | 0.0222 | | % | 0.00313 | |
| CBD-A[⊥] | < LOQ | | % | 0.00313 | |
| CBD-Total[⊥] | 0.0222 | | % | 0.00588 | |
| CBDV | < LOQ | | % | 0.00313 | |
| CBDV-A | < LOQ | | % | 0.00313 | |
| CBDV-Total | < LOQ | | % | 0.00584 | |
| CBE | < LOQ | | % | 0.00313 | |
| CBG | < LOQ | | % | 0.00313 | |
| CBG-A | < LOQ | | % | 0.00313 | |
| CBG-Total | < LOQ | | % | 0.00584 | |
| CBL | < LOQ | | % | 0.00313 | |
| CBL-A | < LOQ | | % | 0.00313 | |
| CBL-Total | < LOQ | | % | 0.00588 | |
| CBN | < LOQ | | % | 0.00313 | |
| CBT | < LOQ | | % | 0.00313 | |
| Δ10-THC-9R | < LOQ | | % | 0.00313 | |
| Δ10-THC-9S | < LOQ | | % | 0.00313 | |
| Δ10-THC-Total | < LOQ | | % | 0.00626 | |
| Δ8-THC[⊥] | < LOQ | | % | 0.00313 | |
| Δ8-THCV | < LOQ | | % | 0.00313 | |
| Δ9-THC[⊥] | 0.147 | | % | 0.00313 | |
| Δ9-THC-A[⊥] | < LOQ | | % | 0.00313 | |
| Δ9-THC-Total[⊥] | 0.147 | | % | 0.00588 | |
| Δ9-THCP | < LOQ | | % | 0.00313 | |
| Δ9-THCV | < LOQ | | % | 0.00313 | |
| Δ9-THCV-A | < LOQ | | % | 0.00313 | |
| Δ9-THCV-Total | < LOQ | | % | 0.00584 | |
| exo-THC | < LOQ | | % | 0.00313 | |

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**Received:** 11/25/24 12:45

## Potency

**Method:** J AOAC 2015 V98-6 (mod)ᵇ **Units** % **Batch:** 2409277 **Analyze:** 12/2/24 8:44:00 PM

| Analyte | Result | Limits | Units | LOQ | Notes |
|---|---|---|---|---|---|
| **Total Cannabinoids** | **0.169** | | % | | |

## Potency per 17g

**Method:** J AOAC 2015 V98-6 (mod)ᵇ **Units** mg/se **Batch:** 2409277 **Analyze:** 12/2/24 8:44:00 PM

| Analyte | Result | Limits | Units | LOQ | Notes |
|---|---|---|---|---|---|
| CBC per 17g | < LOQ | | mg/17g | 0.532 | |
| CBC-A per 17g | < LOQ | | mg/17g | 0.532 | |
| CBC-Total per 17g | < LOQ | | mg/17g | 0.999 | |
| CBD per 17g | 3.77 | | mg/17g | 0.532 | |
| CBD-A per 17g⊥ | < LOQ | | mg/17g | 0.532 | |
| CBD-Total per 17g⊥ | 3.77 | | mg/17g | 0.999 | |
| CBDV per 17g | < LOQ | | mg/17g | 0.532 | |
| CBDV-A per 17g | < LOQ | | mg/17g | 0.532 | |
| CBDV-Total per 17g | < LOQ | | mg/17g | 0.993 | |
| CBE per 17g | < LOQ | | mg/17g | 0.532 | |
| CBG per 17g | < LOQ | | mg/17g | 0.532 | |
| CBG-A per 17g | < LOQ | | mg/17g | 0.532 | |
| CBG-Total per 17g | < LOQ | | mg/17g | 0.993 | |
| CBL per 17g | < LOQ | | mg/17g | 0.532 | |
| CBL-A per 17g | < LOQ | | mg/17g | 0.532 | |
| CBL-Total per 17g | < LOQ | | mg/17g | 0.999 | |
| CBN per 17g | < LOQ | | mg/17g | 0.532 | |
| CBT per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ10-THC-9R per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ10-THC-9S per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ10-THC-Total per 17g | < LOQ | | mg/17g | 1.06 | |
| Δ8-THC per 17g⊥ | < LOQ | | mg/17g | 0.532 | |
| Δ8-THCV per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ9-THC per 17g⊥ | 25.0 | | mg/17g | 0.532 | |
| Δ9-THC-Total per 17g | 25.0 | | mg/17g | 0.999 | |
| Δ9-THCP per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ9-THCV per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ9-THCV-A per 17g | < LOQ | | mg/17g | 0.532 | |
| Δ9-THCV-Total per 17g | < LOQ | | mg/17g | 0.999 | |
| exo-THC per 17g | < LOQ | | mg/17g | 0.532 | |
| THC-A per 17g⊥ | < LOQ | | mg/17g | 0.532 | |
| Total Cannabinoids per 17g | 28.8 | | mg/17g | | |

## Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| E.coli | < LOQ | | cfu/g | 10 | 2409136 | 11/28/24 | AOAC 991.14 (Petrifilm) | | |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2409136 | 11/28/24 | AOAC 991.14 (Petrifilm) | | |
| Mold (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2409137 | 11/29/24 | AOAC 2014.05 (RAPID) | | |
| Yeast (RAPID Petrifilm) | < LOQ | | cfu/g | 10 | 2409137 | 11/29/24 | AOAC 2014.05 (RAPID) | | |

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## Solvents

**Method:** Residual Solvents by HS-GC-MSᵖ **Units** µg/g **Batch** 2409260 **Analyze** 12/02/24 05:32 PM

| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane⊥ | < LOQ | | 100 | | | 2-Butanol⊥ | < LOQ | | 200 | | |
| 2-Ethoxyethanol⊥ | < LOQ | | 30.0 | | | 2-Methylbutane (Isopentane)⊥ | < LOQ | | 200 | | |
| 2-Methylpentane⊥ | < LOQ | | 30.0 | | | 2-Propanol (IPA)⊥ | < LOQ | | 200 | | |
| 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 | | 200 | | | Acetonitrile⊥ | < LOQ | | 100 | | |
| Benzene⊥ | < LOQ | | 1.00 | | | Butanes (sum)⊥ | < LOQ | | 400 | | |
| Cyclohexane⊥ | < LOQ | | 200 | | | Ethyl acetate⊥ | < LOQ | | 200 | | |
| Ethyl benzene | < LOQ | | 200 | | | Ethyl ether⊥ | < LOQ | | 200 | | |
| Ethylene glycol⊥ | < LOQ | | 200 | | | Ethylene oxide⊥ | < LOQ | | 20.0 | | |
| Hexanes (sum)⊥ | < LOQ | | 150 | | | Isopropyl acetate⊥ | < LOQ | | 200 | | |
| Isopropylbenzene (Cumene)⊥ | < LOQ | | 30.0 | | | m,p-Xylene⊥ | < LOQ | | 200 | | |
| Methanol⊥ | < LOQ | | 200 | | | Methylene chloride⊥ | < LOQ | | 60.0 | | |
| Methylpropane (Isobutane)⊥ | < LOQ | | 200 | | | n-Butane⊥ | < LOQ | | 200 | | |
| n-Heptane⊥ | < LOQ | | 200 | | | n-Hexane⊥ | < LOQ | | 30.0 | | |
| n-Pentane⊥ | < LOQ | | 200 | | | o-Xylene⊥ | < LOQ | | 200 | | |
| Pentanes (sum) | < LOQ | | 600 | | | Propane | < LOQ | | 200 | | |
| Tetrahydrofuran⊥ | < LOQ | | 100 | | | Toluene⊥ | < LOQ | | 100 | | |
| Total Xylenes⊥ | < LOQ | | 400 | | | Total Xylenes and Ethyl benzene | < LOQ | | 600 | | |

## Pesticides

**Method:** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2409321 **Analyze** 12/04/24 04:36 PM

| Analyte | Result | Limits | Status | Notes |
|---|---|---|---|---|
| Multi-Residue Pesticide Profile | < LOQ for all analytes | | | |

## Metals

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic⊥ | < LOQ | | mg/kg | 0.0176 | 2409289 | 12/03/24 | AOAC 2013.06 (mod.)ᵖ | | |
| Cadmium⊥ | < LOQ | | mg/kg | 0.0176 | 2409289 | 12/03/24 | AOAC 2013.06 (mod.)ᵖ | | |
| Lead⊥ | < LOQ | | mg/kg | 0.0176 | 2409289 | 12/03/24 | AOAC 2013.06 (mod.)ᵖ | | |
| Mercury⊥ | < LOQ | | mg/kg | 0.00881 | 2409289 | 12/03/24 | AOAC 2013.06 (mod.)ᵖ | | |

## Nutrition

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Moisture (Loss on Drying) | 7.81 | | g/100g | 0.10 | 2409293 | 12/02/24 | AOAC 925.10 (mod.) | | |
| Water Activity | 0.385 | | Aw | 0.030 | 2409279 | 12/03/24 | AOAC 978.18 | | |

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| | |
|---|---|
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| **Report Date:** | 12/05/2024 |
| **ORELAP#:** | OR100028 |
| **Purchase Order:** | |
| **Received:** | 11/25/24 12:45 |

***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.

þ = ISO/IEC 17025:2017 accredited method.
⊥ = TNI accredited analyte.

***Units of Measure***

cfu/g = Colony forming units per gram
g = Gram
g/100g = Grams per 100 Grams
µg/g = Microgram per gram
mg/kg = Milligram per kilogram = parts per million (ppm)
mg/17g = Milligram per 17g
% = Percentage of sample
Aw = Water Activity
% wt = µg/g divided by 10,000

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Columbia LABORATORIES
A Tentamus Company

Hemp & Cannabis
Chain of Custody

Seventh-Hill-CBD-
1732386316

Company Details
Company: Seventh Hill CBD
Contact: Jordan Dunn
Street Address: 215 South 19th Street
City, State, Zip: Spring

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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**Report Date:** 12/05/2024
**ORELAP#:** OR100028
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**Received:** 11/25/24 12:45

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

## Laboratory Quality Control Results

**Residual Solvents** — Batch ID: 2409260

| Method Blank | | | | | Laboratory Control Sample | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Result | | LOQ | Notes | Result | Spike | Units | %Rec | Limits | | | Notes |
| Propane | ND | < | 200 | | 572 | 585 | µg/g | 97.8 | 60 | - | 120 | |
| Isobutane | ND | < | 200 | | 694 | 770 | µg/g | 90.1 | 60 | - | 120 | |
| Butane | ND | < | 200 | | 692 | 769 | µg/g | 90.0 | 60 | - | 120 | |
| 2,2-Dimethylpropane | ND | < | 200 | | 847 | 956 | µg/g | 88.6 | 60 | - | 120 | |
| Methanol | ND | < | 200 | | 1570 | 1620 | µg/g | 96.9 | 60 | - | 120 | |
| Ethylene Oxide | ND | < | 20 | | 49 | 57.7 | µg/g | 84.9 | 60 | - | 120 | |
| 2-Methylbutane | ND | < | 200 | | 1560 | 1640 | µg/g | 95.1 | 60 | - | 120 | |
| Pentane | ND | < | 200 | | 1540 | 1640 | µg/g | 93.9 | 60 | - | 120 | |
| Ethanol | ND | < | 200 | | 1440 | 1620 | µg/g | 88.9 | 70 | - | 130 | |
| Ethyl Ether | ND | < | 200 | | 1480 | 1630 | µg/g | 90.8 | 60 | - | 120 | |
| 2,2-Dimethylbutane | ND | < | 30 | | 193 | 212 | µg/g | 91.0 | 60 | - | 120 | |
| Acetone | ND | < | 200 | | 1490 | 1630 | µg/g | 91.4 | 60 | - | 120 | |
| 2-Propanol | ND | < | 200 | | 1450 | 1620 | µg/g | 89.5 | 60 | - | 120 | |
| Ethyl Formate | ND | < | 500 | | 1260 | 1600 | µg/g | 78.8 | 70 | - | 130 | |
| Acetonitrile | ND | < | 100 | | 455 | 504 | µg/g | 90.3 | 60 | - | 120 | |
| Methyl Acetate | ND | < | 500 | | 1670 | 1600 | µg/g | 104.4 | 70 | - | 130 | |
| 2,3-Dimethylbutane | ND | < | 30 | | 188 | 189 | µg/g | 99.5 | 60 | - | 120 | |
| Dichloromethane | ND | < | 60 | | 449 | 538 | µg/g | 83.5 | 60 | - | 120 | |
| 2-Methylpentane | ND | < | 30 | | 174 | 182 | µg/g | 95.6 | 60 | - | 120 | |
| MTBE | ND | < | 500 | | 1640 | 1600 | µg/g | 102.5 | 70 | - | 130 | |
| 3-Methylpentane | ND | < | 30 | | 162 | 179 | µg/g | 90.5 | 60 | - | 120 | |
| Hexane | ND | < | 30 | | 164 | 178 | µg/g | 92.1 | 60 | - | 120 | |
| 1-Propanol | ND | < | 500 | | 1600 | 1600 | µg/g | 100.0 | 70 | - | 130 | |
| Methylethylketone | ND | < | 500 | | 1640 | 1600 | µg/g | 102.5 | 70 | - | 130 | |
| Ethyl acetate | ND | < | 200 | | 1530 | 1620 | µg/g | 94.4 | 60 | - | 120 | |
| 2-Butanol | ND | < | 200 | | 1490 | 1620 | µg/g | 92.0 | 60 | - | 120 | |
| Tetrahydrofuran | ND | < | 100 | | 464 | 511 | µg/g | 90.8 | 60 | - | 120 | |
| Cyclohexane | ND | < | 200 | | 1460 | 1620 | µg/g | 90.1 | 60 | - | 120 | |
| 2-methyl-1-propanol | ND | < | 500 | | 1580 | 1600 | µg/g | 98.8 | 70 | - | 130 | |
| Benzene | ND | < | 1 | | 4.88 | 6.03 | µg/g | 80.9 | 60 | - | 120 | |
| Isopropyl Acetate | ND | < | 200 | | 1460 | 1620 | µg/g | 90.1 | 60 | - | 120 | |
| Heptane | ND | < | 200 | | 1370 | 1620 | µg/g | 84.6 | 60 | - | 120 | |
| 1-Butanol | ND | < | 500 | | 1480 | 1600 | µg/g | 92.5 | 70 | - | 130 | |
| Propyl Acetate | ND | < | 500 | | 1580 | 1610 | µg/g | 98.1 | 70 | - | 130 | |
| 1,4-Dioxane | ND | < | 100 | | 427 | 503 | µg/g | 84.9 | 60 | - | 120 | |
| 2-Ethoxyethanol | ND | < | 30 | | 152 | 176 | µg/g | 86.4 | 60 | - | 120 | |
| Methylisobutylketone | ND | < | 500 | | 1540 | 1610 | µg/g | 95.7 | 70 | - | 130 | |
| 3-Methyl-1-butanol | ND | < | 500 | | 1460 | 1600 | µg/g | 91.3 | 70 | - | 130 | |
| Ethylene Glycol | ND | < | 200 | | 445 | 501 | µg/g | 88.8 | 60 | - | 120 | |
| Toluene | ND | < | 100 | | 503 | 543 | µg/g | 92.6 | 60 | - | 120 | |
| Isobutyl Acetate | ND | < | 500 | | 1410 | 1600 | µg/g | 88.1 | 70 | - | 130 | |
| 1-Pentanol | ND | < | 500 | | 1310 | 1600 | µg/g | 81.9 | 70 | - | 130 | |
| Butyl Acetate | ND | < | 500 | | 1440 | 1600 | µg/g | 90.0 | 70 | - | 130 | |
| Ethylbenzene | ND | < | 200 | | 910 | 983 | µg/g | 92.6 | 60 | - | 120 | |
| m,p-Xylene | ND | < | 200 | | 851 | 1030 | µg/g | 82.6 | 60 | - | 120 | |
| o-Xylene | ND | < | 200 | | 970 | 979 | µg/g | 99.1 | 60 | - | 120 | |
| Cumene | ND | < | 30 | | 177 | 183 | µg/g | 96.7 | 60 | - | 120 | |
| Anisole | ND | < | 500 | | 1690 | 1610 | µg/g | 105.0 | 70 | - | 130 | |
| DMSO | ND | < | 500 | | 1620 | 1600 | µg/g | 101.3 | 70 | - | 130 | |
| 1,2-dimethoxyethane | ND | < | 50 | | 152 | 164 | µg/g | 92.7 | 70 | - | 130 | |
| Triethylamine | ND | < | 500 | | 1560 | 1600 | µg/g | 97.5 | 70 | - | 130 | |
| N,N-dimethylformamide | ND | < | 150 | | 411 | 481 | µg/g | 85.4 | 70 | - | 130 | |
| N,N-dimethylacetamide | ND | < | 150 | | 508 | 486 | µg/g | 104.5 | 70 | - | 130 | |
| Pyridine | ND | < | 50 | | 146 | 168 | µg/g | 86.9 | 70 | - | 130 | |
| Sulfolane | ND | < | 50 | | 137 | 165 | µg/g | 83.0 | 70 | - | 130 | |
| 1,2-Dichloroethane | ND | < | 1 | | 1.16 | 1 | µg/g | 116.0 | 70 | - | 130 | |
| Chloroform | ND | < | 1 | | 1.15 | 1 | µg/g | 115.0 | 70 | - | 130 | |
| Trichloroethylene | ND | < | 1 | | 1.21 | 1 | µg/g | 121.0 | 70 | - | 130 | |
| 1,1-Dichloroethane | ND | < | 1 | | 1.14 | 1 | µg/g | 114.0 | 70 | - | 130 | |

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

QC- Sample Duplicate — Sample ID: 24-012988-0001

| 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 | 20 | 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 | |
| Methylethylketone | 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

Columbia LABORATORIES
A Tentamus Company

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

**Report Number:** 24-013314/D002.R000
**Report Date:** 12/05/2024
**ORELAP#:** OR100028
**Purchase Order:**
**Received:** 11/25/24 12:45

Revision: 4 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

JAOAC2015 V986 Batch ID: 2409277

Laboratory Control Sample

| Analyte | LCS | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|---|
| CBDVA | 2 | 0.0326 | 0.0327 | % | 99.8 | 80.0 - 120 | Acceptable | |
| CBDV | 2 | 0.0319 | 0.0330 | % | 96.8 | 80.0 - 120 | Acceptable | |
| CBE | 2 | 0.0337 | 0.0356 | % | 94.7 | 80.0 - 120 | Acceptable | |
| CBDA | 1 | 0.0325 | 0.0345 | % | 94.2 | 90.0 - 110 | Acceptable | |
| CBGA | 1 | 0.0327 | 0.0338 | % | 96.9 | 80.0 - 120 | Acceptable | |
| CBG | 1 | 0.0315 | 0.0331 | % | 95.3 | 80.0 - 120 | Acceptable | |
| CBD | 1 | 0.0330 | 0.0323 | % | 102 | 90.0 - 110 | Acceptable | |
| THCV | 2 | 0.0320 | 0.0334 | % | 95.8 | 80.0 - 120 | Acceptable | |
| d8THCV | 2 | 0.0348 | 0.0358 | % | 97.2 | 80.0 - 120 | Acceptable | |
| THCVA | 2 | 0.0315 | 0.0320 | % | 98.2 | 80.0 - 120 | Acceptable | |
| CBN | 1 | 0.0307 | 0.0319 | % | 96.4 | 80.0 - 120 | Acceptable | |
| exo-THC | 2 | 0.0313 | 0.0332 | % | 94.3 | 80.0 - 120 | Acceptable | |
| d9THC | 1 | 0.0332 | 0.0344 | % | 96.4 | 90.0 - 110 | Acceptable | |
| d8THC | 1 | 0.0305 | 0.0315 | % | 96.7 | 90.0 - 110 | Acceptable | |
| 9Sd10THC | 1 | 0.0330 | 0.0346 | % | 95.4 | 80.0 - 120 | Acceptable | |
| CBL | 2 | 0.0276 | 0.0345 | % | 80.1 | 80.0 - 120 | Acceptable | |
| 9Rd10THC | 1 | 0.0335 | 0.0356 | % | 94.1 | 80.0 - 120 | Acceptable | |
| CBC | 2 | 0.0299 | 0.0329 | % | 91.0 | 80.0 - 120 | Acceptable | |
| THCA | 1 | 0.0365 | 0.0347 | % | 105 | 90.0 - 110 | Acceptable | |
| CBCA | 2 | 0.0344 | 0.0341 | % | 101 | 80.0 - 120 | Acceptable | |
| CBLA | 2 | 0.0332 | 0.0334 | % | 99.4 | 80.0 - 120 | Acceptable | |
| d9THCP | 2 | 0.0291 | 0.0333 | % | 87.2 | 80.0 - 120 | Acceptable | |
| CBT | 2 | 0.0293 | 0.0351 | % | 83.6 | 80.0 - 120 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|
| CBDVA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBDV | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBE | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBDA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBGA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBG | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBD | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| THCV | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| d8THCV | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| THCVA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBN | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| exo-THC | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| d9THC | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| d8THC | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| 9Sd10THC | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBL | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| 9Rd10THC | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBC | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| THCA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBCA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBLA | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| d9THCP | <LOQ | 0.00330 | % | < 0.00330 | Acceptable | |
| CBT | <LOQ | 0.00330 | % | < 0.00330 | 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

JAOAC2015 V986 — Batch ID: 2409277
Sample Duplicate — Sample ID: 24-0134040001

| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|---|
| CBDVA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBDV | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBG | 0.00580 | 0.00579 | 0.00319 | % | 0.0245 | < 20 | Acceptable | |
| CBD | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| THCV | 0.00367 | 0.00396 | 0.00319 | % | 7.65 | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBN | 0.0109 | 0.0111 | 0.00319 | % | 1.95 | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| d9THC | 0.270 | 0.274 | 0.00319 | % | 1.44 | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| 9Sd10THC | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| 9Rd10THC | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBC | 0.00469 | 0.00467 | 0.00319 | % | 0.525 | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| d9THCP | <LOQ | <LOQ | 0.00319 | % | NA | < 20 | Acceptable | |
| CBT | <LOQ | <LOQ | 0.00319 | % | 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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| | |
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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. |