Columbia LABORATORIES
A Tentamus Company

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

**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

**Customer:** Oscity Biosciences
**Product identity:** Fahrenheit Hemp Heating Gel
.

## Summary

### Potency:

| Analyte per 0.4ml | Result | Limits | Units | Status |
|---|---|---|---|---|
| CBD per 0.4ml | 5.16 | | mg/0.4ml | |
| CBG per 0.4ml | 0.0732 | | mg/0.4ml | |

| | |
|---|---|
| CBD-Total per Serving Size | 5.16 mg/0.4ml |
| THC-Total per Serving Size | <LOQ |

(Reported in milligrams per serving)

### Residual Solvents:

*All analytes passing and less than LOQ.*

### Pesticides:

*All analytes passing and less than LOQ.*

### Terpenes:

| Analyte | Percent by weight | Percent of Total | Analyte | Percent by weight | Percent of Total |
|---|---|---|---|---|---|
| Menthol | 0.702 | 73.05% | Eucalyptol | 0.171 | 17.79% |
| (R)-(+)-Limonene | 0.0480 | 4.99% | p-Cymene | 0.0400 | 4.16% |
| **Total Terpenes** | **0.961** | **100.00%** | | | |

### Metals:

*Less than LOQ for all analytes.*

### Microbiology:

*Less than LOQ for all analytes.*



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Testing in accordance with: OAR 333-007-0430

REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

**Customer:** Oscity Biosciences
United States of America (USA)

**Product identity:** Fahrenheit Hemp Heating Gel
.

**Sample Date:**

**Evidence of Cooling:** Yes
**Temp:** 19 °C
**Relinquished by:** Shipping
**Serving Size #1:** 0.4 g
**Density:** 1.000 g/ml

## Sample Results

Potency per 0.4ml **Method:** J AOAC 2015 V98-6 (mod) **Units** mg/se **Analyze:** 9/26/23 8:15:00 AM

| Analyte | Result | Limits | Units | LOQ | Notes |
|---|---|---|---|---|---|
| CBD per 0.4ml | 5.16 | | mg/0.4ml | 0.125 | |
| CBD-A per 0.4ml⊥ | < LOQ | | mg/0.4ml | 0.0125 | |
| CBD-Total per 0.4ml⊥ | 5.16 | | mg/0.4ml | 0.136 | |
| CBG per 0.4ml | 0.0732 | | mg/0.4ml | 0.0125 | |
| CBG-A per 0.4ml | < LOQ | | mg/0.4ml | 0.0125 | |
| CBG-Total per 0.4ml | 0.0732 | | mg/0.4ml | 0.0233 | |
| CBN per 0.4ml | < LOQ | | mg/0.4ml | 0.0125 | |
| Δ10-THC-9R per 0.4ml | < LOQ | | mg/0.4ml | 0.0125 | |
| Δ10-THC-9S per 0.4ml | < LOQ | | mg/0.4ml | 0.0125 | |
| Δ10-THC-Total per 0.4ml | < LOQ | | mg/0.4ml | 0.0250 | |
| Δ8-THC per 0.4ml⊥ | < LOQ | | mg/0.4ml | 0.0125 | |
| Δ9-THC per 0.4ml⊥ | < LOQ | | mg/0.4ml | 0.0125 | |
| THC-A per 0.4ml⊥ | < LOQ | | mg/0.4ml | 0.0125 | |
| THC-Total per 0.4ml | < LOQ | | mg/0.4ml | 0.0235 | |

Microbiology

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Aerobic Plate Count | < LOQ | 10,000 | cfu/g | 10 | 2311165 | 09/24/23 | AOAC 990.12 (Petrifilm) | pass | |
| E.coli | < LOQ | 100.00 | cfu/g | 10 | 2311162 | 09/24/23 | AOAC 991.14 (Petrifilm) | pass | |
| Total Coliforms | < LOQ | 100.00 | cfu/g | 10 | 2311162 | 09/24/23 | AOAC 991.14 (Petrifilm) | pass | |
| Mold (RAPID Petrifilm) | < LOQ | 1,000. | cfu/g | 10 | 2311164 | 09/24/23 | AOAC 2014.05 (RAPID) | pass | |
| Yeast (RAPID Petrifilm) | < LOQ | 1,000. | cfu/g | 10 | 2311164 | 09/24/23 | AOAC 2014.05 (RAPID) | pass | |
| Salmonella spp. by PCR¥ | Negative | | /25g | | 2311167 | 09/23/23 | AOAC 2020.02Þ | | |
| EHEC including STEC¥ | Negative | | /25g | | 2311168 | 09/23/23 | AOAC RI 121806Þ | | |



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Testing in accordance with: OAR 333-007-0390 OAR 333-007-0410 OAR 333-007-0430

REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

Solvents **Method:** Residual Solvents by GC/MS[b] **Units** µg/g **Batch** 2311289 **Analyze** 09/27/23 11:23 AM

| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane[v] | < LOQ | 380 | 100 | pass | | 2-Butanol[v] | < LOQ | 5000 | 200 | pass | |
| 2-Ethoxyethanol[v] | < LOQ | 160 | 30.0 | pass | | 2-Methylbutane (Isopentane) | < LOQ | | 200 | | |
| 2-Methylpentane | < LOQ | | 30.0 | | | 2-Propanol (IPA)[v] | < LOQ | 5000 | 200 | pass | |
| 2,2-Dimethylbutane | < LOQ | | 30.0 | | | 2,2-Dimethylpropane (neo-pentane) | < LOQ | | 200 | | |
| 2,3-Dimethylbutane | < LOQ | | 30.0 | | | 3-Methylpentane | < LOQ | | 30.0 | | |
| Acetone[v] | < LOQ | 5000 | 200 | pass | | Acetonitrile[v] | < LOQ | 410 | 100 | pass | |
| Benzene[v] | < LOQ | 2.00 | 1.00 | pass | | Butanes (sum) | < LOQ | 5000 | 400 | pass | |
| Cyclohexane[v] | < LOQ | 3880 | 200 | pass | | Ethyl acetate[v] | < LOQ | 5000 | 200 | pass | |
| Ethyl benzene | < LOQ | | 200 | | | Ethyl ether[v] | < LOQ | 5000 | 200 | pass | |
| Ethylene glycol[v] | < LOQ | 620 | 200 | pass | | Ethylene oxide[v] | < LOQ | 50.0 | 20.0 | pass | |
| Hexanes (sum) | < LOQ | 290 | 150 | pass | | Isopropyl acetate[v] | < LOQ | 5000 | 200 | pass | |
| Isopropylbenzene (Cumene)[v] | < LOQ | 70.0 | 30.0 | pass | | m,p-Xylene | < LOQ | | 200 | | |
| Methanol[v] | < LOQ | 3000 | 200 | pass | | Methylene chloride[v] | < LOQ | 600 | 60.0 | pass | |
| Methylpropane (Isobutane) | < LOQ | | 200 | | | n-Butane | < LOQ | | 200 | | |
| n-Heptane[v] | < LOQ | 5000 | 200 | pass | | n-Hexane[v] | < LOQ | | 30.0 | | |
| n-Pentane[v] | < LOQ | | 200 | | | o-Xylene | < LOQ | | 200 | | |
| Pentanes (sum) | < LOQ | 5000 | 600 | pass | | Propane[v] | < LOQ | 5000 | 200 | pass | |
| Tetrahydrofuran[v] | < LOQ | 720 | 100 | pass | | Toluene[v] | < LOQ | 890 | 100 | pass | |
| Total Xylenes[v] | < LOQ | | 400 | | | Total Xylenes and Ethyl benzene | < LOQ | 2170 | 600 | pass | |



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REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

Pesticides **Method:** AOAC 2007.01 & EN 15662 (mod) **Units** mg/kg **Batch** 2311262 **Analyze** 09/26/23 01:51 PM

| Analyte | Result | Limits | LOQ | Status | Notes | Analyte | Result | Limits | LOQ | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Abamectin | < LOQ | 0.300 | 0.100 | pass | | Acephate | < LOQ | 5.00 | 0.100 | pass | |
| Acequinocyl | < LOQ | 4.00 | 0.100 | pass | | Acetamiprid | < LOQ | 5.00 | 0.100 | pass | |
| Aldicarb | < LOQ | 0.100 | 0.100 | pass | | Azoxystrobin | < LOQ | 40.0 | 0.100 | pass | |
| Bifenazate | < LOQ | 5.00 | 0.100 | pass | | Bifenthrin | < LOQ | 0.500 | 3.00 | pass | |
| Boscalid | < LOQ | 10.0 | 0.100 | pass | | Captan | < LOQ | 5.00 | 0.700 | pass | |
| Carbaryl | < LOQ | 0.500 | 0.500 | pass | | Carbofuran | < LOQ | 0.100 | 0.100 | pass | |
| Chlorantraniliprole | < LOQ | 40.0 | 3.00 | pass | | Chlordane | < LOQ | 0.1 | 0.100 | pass | |
| Chlorfenapyr | < LOQ | 0.100 | 0.100 | pass | | Chlorpyrifos | < LOQ | 0.100 | 0.100 | pass | |
| Clofentezine | < LOQ | 0.500 | 0.100 | pass | | Coumaphos | < LOQ | 0.100 | 0.100 | pass | |
| Cyfluthrin | < LOQ | 1.00 | 2.00 | pass | | Cypermethrin | < LOQ | 1.00 | 1.00 | pass | |
| Daminozide | < LOQ | 0.100 | 0.100 | pass | | Diazinon | < LOQ | 0.200 | 0.100 | pass | |
| Dichlorvos | < LOQ | 0.100 | 0.100 | pass | | Dimethoate | < LOQ | 0.100 | 0.100 | pass | |
| Dimethomorph | < LOQ | 20.0 | 2.00 | pass | | Ethoprophos | < LOQ | 0.100 | 0.100 | pass | |
| Etofenprox | < LOQ | 0.100 | 0.100 | pass | | Etoxazole | < LOQ | 1.50 | 0.100 | pass | |
| Fenhexamid | < LOQ | 10.0 | 0.100 | pass | | Fenoxycarb | < LOQ | 0.100 | 0.100 | pass | |
| Fenpyroximate | < LOQ | 2.00 | 0.100 | pass | | Fipronil | < LOQ | 0.100 | 0.100 | pass | |
| Flonicamid | < LOQ | 2.00 | 0.100 | pass | | Fludioxonil | < LOQ | 30.0 | 0.100 | pass | |
| Hexythiazox | < LOQ | 2.00 | 0.100 | pass | | Imazalil | < LOQ | 0.100 | 0.100 | pass | |
| Imidacloprid | < LOQ | 3.00 | 3.00 | pass | | Kresoxim-methyl | < LOQ | 1.00 | 0.100 | pass | |
| Malathion | < LOQ | 5.00 | 0.500 | pass | | Metalaxyl | < LOQ | 15.0 | 2.00 | pass | |
| Methiocarb | < LOQ | 0.100 | 0.100 | pass | | Methomyl | < LOQ | 0.100 | 1.00 | pass | |
| Mevinphos | < LOQ | 0.100 | 0.100 | pass | | Myclobutanil | < LOQ | 9.00 | 0.100 | pass | |
| Naled | < LOQ | 0.500 | 0.100 | pass | | Oxamyl | < LOQ | 0.200 | 0.500 | pass | |
| Paclobutrazole | < LOQ | 0.100 | 0.100 | pass | | Parathion-Methyl | < LOQ | 0.100 | 0.100 | pass | |
| Permethrin | < LOQ | 20.0 | 0.500 | pass | | Phosmet | < LOQ | 0.200 | 0.100 | pass | |
| Piperonyl butoxide | < LOQ | 8.00 | 3.00 | pass | | Prallethrin | < LOQ | 0.400 | 0.100 | pass | |
| Propiconazole | < LOQ | 20.0 | 0.100 | pass | | Propoxur | < LOQ | 0.100 | 0.100 | pass | |
| Pyrethrins (total) | < LOQ | 1.00 | 0.500 | pass | | Pyridaben | < LOQ | 3.00 | 0.100 | pass | |
| Quintozene | < LOQ | 0.200 | 0.100 | pass | | Spinetoram | < LOQ | 3.00 | 0.100 | pass | |
| Spinosad | < LOQ | 3.00 | 0.100 | pass | | Spiromesifen | < LOQ | 12.0 | 0.100 | pass | |
| Spirotetramat | < LOQ | 13.0 | 0.100 | pass | | Spiroxamine | < LOQ | 0.100 | 0.100 | pass | |
| Tebuconazole | < LOQ | 2.00 | 0.100 | pass | | Thiacloprid | < LOQ | 0.100 | 0.100 | pass | |
| Thiamethoxam | < LOQ | 4.50 | 3.00 | pass | | Trifloxystrobin | < LOQ | 30.0 | 0.100 | pass | |



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REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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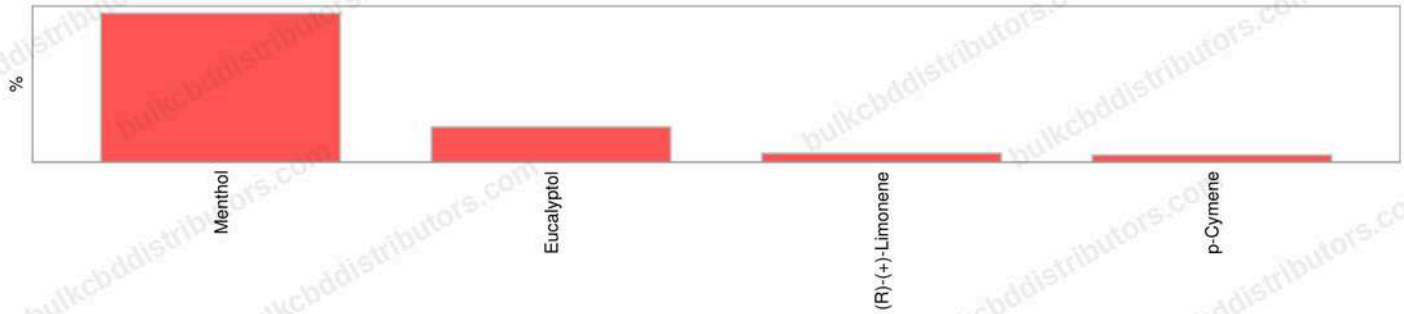
**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

## Terpenes

**Method:** J AOAC 2015 V98-6 **Units** % **Batch** 2311252 **Analyze** 09/25/23 08:40 PM

| Analyte | Result | LOQ | % of Total | Notes | Analyte | Result | LOQ | % of Total | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Menthol | 0.702 | 0.019 | 73.049% | | Eucalyptol | 0.171 | 0.019 | 17.794% | |
| (R)-(+)-Limonene | 0.0480 | 0.019 | 4.9948% | | p-Cymene | 0.0400 | 0.019 | 4.1623% | |
| a-pinene | < LOQ | 0.019 | 0.00% | | (+)-Pulegone | < LOQ | 0.019 | 0.00% | |
| ß-Caryophyllene | < LOQ | 0.019 | 0.00% | | Geraniol | < LOQ | 0.019 | 0.00% | |
| Isoborneol | < LOQ | 0.019 | 0.00% | | Linalool | < LOQ | 0.019 | 0.00% | |
| a-Terpinene | < LOQ | 0.019 | 0.00% | | (+)-fenchol | < LOQ | 0.019 | 0.00% | |
| farnesene | < LOQ | 0.019 | 0.00% | | Sabinene | < LOQ | 0.019 | 0.00% | |
| valencene | < LOQ | 0.019 | 0.00% | | (-)-ß-Pinene | < LOQ | 0.019 | 0.00% | |
| (±)-Camphor | < LOQ | 0.019 | 0.00% | | Sabinene hydrate | < LOQ | 0.019 | 0.00% | |
| (-)-a-Terpineol | < LOQ | 0.019 | 0.00% | | (±)-trans-Nerolidol | < LOQ | 0.019 | 0.00% | |
| gamma-Terpinene | < LOQ | 0.019 | 0.00% | | ß-Myrcene | < LOQ | 0.019 | 0.00% | |
| Geranyl acetate | < LOQ | 0.019 | 0.00% | | (+)-Borneol | < LOQ | 0.019 | 0.00% | |
| (±)-fenchone | < LOQ | 0.019 | 0.00% | | Terpinolene | < LOQ | 0.019 | 0.00% | |
| (-)-Isopulegol | < LOQ | 0.019 | 0.00% | | a-phellandrene | < LOQ | 0.019 | 0.00% | |
| (±)-cis-Nerolidol | < LOQ | 0.019 | 0.00% | | (-)-caryophyllene oxide | < LOQ | 0.019 | 0.00% | |
| (-)-Guaiol | < LOQ | 0.019 | 0.00% | | (+)-Cedrol | < LOQ | 0.019 | 0.00% | |
| a-Bisabolol | < LOQ | 0.019 | 0.00% | | a-cedrene | < LOQ | 0.019 | 0.00% | |
| Camphene | < LOQ | 0.019 | 0.00% | | cis-ß-Ocimene | < LOQ | 0.006 | 0.00% | |
| d-3-Carene | < LOQ | 0.019 | 0.00% | | Humulene | < LOQ | 0.019 | 0.00% | |
| nerol | < LOQ | 0.019 | 0.00% | | trans-ß-Ocimene | < LOQ | 0.012 | 0.00% | |
| **Total Terpenes** | **0.961** | | | | | | | | |




## Metals

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic¥ | < LOQ | 0.200 | mg/kg | 0.0928 | 2311204 | 09/22/23 | AOAC 2013.06 (mod.)þ | pass | |
| Cadmium¥ | < LOQ | 0.200 | mg/kg | 0.0928 | 2311204 | 09/22/23 | AOAC 2013.06 (mod.)þ | pass | |
| Lead¥ | < LOQ | 0.500 | mg/kg | 0.0928 | 2311204 | 09/22/23 | AOAC 2013.06 (mod.)þ | pass | |
| Mercury¥ | < LOQ | 0.100 | mg/kg | 0.0464 | 2311204 | 09/22/23 | AOAC 2013.06 (mod.)þ | pass | |



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REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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**Report Date:** 09/29/2023
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**Received:** 09/21/23 09:50

## Mycotoxins

| Analyte | Result | Limits | Units | LOQ | Batch | Analyzed | Method | Status | Notes |
|---|---|---|---|---|---|---|---|---|---|
| Aflatoxin B2[¥] | < LOQ | 5.00 | µg/kg | 5.00 | 2311201 | 09/25/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |
| Aflatoxin B1[¥] | < LOQ | 5.00 | µg/kg | 5.00 | 2311201 | 09/25/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |
| Aflatoxin G1[¥] | < LOQ | 5.00 | µg/kg | 5.00 | 2311201 | 09/25/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |
| Aflatoxin G2[¥] | < LOQ | 5.00 | µg/kg | 5.00 | 2311201 | 09/25/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |
| Ochratoxin A[¥] | < LOQ | 20.0 | µg/kg | 5.00 | 2311201 | 09/25/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |
| Ochratoxin A[¥] | < LOQ | 20.0 | µg/kg | 5.00 | 2311201 | 09/25/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |
| Total Aflatoxins[¥] | 0.000 | 20.0 | µg/kg | 20.0 | | 09/28/23 | AOAC 2007.01 & EN 15662 (mod)[Þ] | pass | |



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REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

***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.

**Threshold Note:** Action levels per 6 CCR 1010-21 CDPHE requirements

ᵇ = ISO/IEC 17025:2017 accredited method.
ᵞ = TNI accredited analyte.

***Units of Measure***

/25g = Per 25g
cfu/g = Colony forming units per gram
g = g
g/ml = Gram per milliliter
µg/g = Microgram per gram
µg/kg = Micrograms per kilogram = parts per billion (ppb)
mg/kg = Milligram per kilogram = parts per million (ppm)
mg/0.4ml = Milligram per 0.4ml
% = Percentage of sample
% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

Revision: 1 Document ID: 7086
Legacy ID: CFL-E57Worksheet Validated 11/04/2020

## Terpenes Quality Control Results

**Method Reference: EPA 5035** **Batch ID:** 2311252

| Method Blank | | | | Laboratory Control Sample | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Analyte | Result | LOQ | Notes | Result | LCS | Units | LCS % Rec | Limits | Notes |
| a-pinene | <LOQ | < 200 | | 388 | 500 | µg/g | 78% | 70 - 130 | |
| Camphene | <LOQ | < 200 | | 401 | 500 | µg/g | 80% | 70 - 130 | |
| Sabinene | <LOQ | < 200 | | 391 | 500 | µg/g | 78% | 70 - 130 | |
| b-Pinene | <LOQ | < 200 | | 387 | 500 | µg/g | 77% | 70 - 130 | |
| b-Myrcene | <LOQ | < 200 | | 393 | 500 | µg/g | 79% | 70 - 130 | |
| a-phelllandrene | <LOQ | < 200 | | 407 | 500 | µg/g | 81% | 70 - 130 | |
| d-3-Carene | <LOQ | < 200 | | 400 | 500 | µg/g | 80% | 70 - 130 | |
| a-Terpinene | <LOQ | < 200 | | 398 | 500 | µg/g | 80% | 70 - 130 | |
| p-Cymene | <LOQ | < 200 | | 387 | 500 | µg/g | 77% | 70 - 130 | |
| D-Limonene | <LOQ | < 200 | | 402 | 500 | µg/g | 80% | 70 - 130 | |
| Eucalyptol | <LOQ | < 200 | | 404 | 500 | µg/g | 81% | 70 - 130 | |
| b-cis-Ocimene | <LOQ | < 67 | | 134 | 167 | µg/g | 80% | 70 - 130 | |
| b-trans-Ocimene | <LOQ | < 133 | | 269 | 333 | µg/g | 81% | 70 - 130 | |
| g-Terpinene | <LOQ | < 200 | | 386 | 500 | µg/g | 77% | 70 - 130 | |
| Sabinene_Hydrate | <LOQ | < 200 | | 407 | 500 | µg/g | 81% | 70 - 130 | |
| Terpinolene | <LOQ | < 200 | | 417 | 500 | µg/g | 83% | 70 - 130 | |
| D-Fenchone | <LOQ | < 200 | | 421 | 500 | µg/g | 84% | 70 - 130 | |
| Linalool | <LOQ | < 200 | | 424 | 500 | µg/g | 85% | 70 - 130 | |
| Fenchol | <LOQ | < 200 | | 412 | 500 | µg/g | 82% | 70 - 130 | |
| Camphor | <LOQ | < 200 | | 399 | 500 | µg/g | 80% | 70 - 130 | |
| Isopulego | <LOQ | < 200 | | 421 | 500 | µg/g | 84% | 70 - 130 | |
| Isoborneol | <LOQ | < 200 | | 415 | 500 | µg/g | 83% | 70 - 130 | |
| Borneol | <LOQ | < 200 | | 413 | 500 | µg/g | 83% | 70 - 130 | |
| DL-Menthol | <LOQ | < 200 | | 429 | 500 | µg/g | 86% | 70 - 130 | |
| Terpineol | <LOQ | < 200 | | 414 | 500 | µg/g | 83% | 70 - 130 | |
| Nerol | <LOQ | < 200 | | 403 | 500 | µg/g | 81% | 70 - 130 | |
| Pulegone | <LOQ | < 200 | | 426 | 500 | µg/g | 85% | 70 - 130 | |
| Gereniol | <LOQ | < 200 | | 442 | 500 | µg/g | 88% | 70 - 130 | |
| Geranyl_Acetate | <LOQ | < 200 | | 408 | 500 | µg/g | 82% | 70 - 130 | |
| a-Cedrene | <LOQ | < 200 | | 424 | 500 | µg/g | 85% | 70 - 130 | |
| b-Caryophyllene | <LOQ | < 200 | | 408 | 500 | µg/g | 82% | 70 - 130 | |
| a-Humulene | <LOQ | < 200 | | 419 | 500 | µg/g | 84% | 70 - 130 | |
| Valenene | <LOQ | < 200 | | 403 | 500 | µg/g | 81% | 70 - 130 | |
| cis-Nerolidol | <LOQ | < 200 | | 431 | 500 | µg/g | 86% | 70 - 130 | |
| a-Farnesene | <LOQ | < 200 | | 456 | 500 | µg/g | 91% | 70 - 130 | |
| trans-Nerolidol | <LOQ | < 200 | | 434 | 500 | µg/g | 87% | 70 - 130 | |
| Caryophyllene_Oxide | <LOQ | < 200 | | 428 | 500 | µg/g | 86% | 70 - 130 | |
| Guaiol | <LOQ | < 200 | | 418 | 500 | µg/g | 84% | 70 - 130 | |
| Cedrol | <LOQ | < 200 | | 431 | 500 | µg/g | 86% | 70 - 130 | |
| a-Bisabolol | <LOQ | < 200 | | 424 | 500 | µg/g | 85% | 70 - 130 | |

Definitions

| | |
|---|---|
| LOQ | Limit of Quantitation |
| LCS | Laboratory Control Sample |
| % REC | Percent Recovery |



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Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

Columbia LABORATORIES
A Tentamus Company

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

**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

Revision: 1 Document ID: 7086
Legacy ID: CFL-E57Worksheet Validated 11/04/2020

## Terpenes Quality Control Results

**Method Reference: EPA 5035** **Batch ID:** 2311252

**Sample/Sample Duplicate**

| Analyte | Result | Org. Result | LOQ | Units | % RPD | LIMIT | Notes |
|---|---|---|---|---|---|---|---|
| a-pinene | 54100 | 55100 | 192 | µg/g | 2% | < 20 | |
| Camphene | 2770 | 2820 | 192 | µg/g | 2% | < 20 | |
| Sabinene | 691 | 674 | 192 | µg/g | 2% | < 20 | |
| b-Pinene | 31800 | 32300 | 192 | µg/g | 2% | < 20 | |
| b-Myrcene | 280000 | 285000 | 192 | µg/g | 2% | < 20 | |
| a-phelllandrene | 4140 | 4200 | 192 | µg/g | 1% | < 20 | |
| d-3-Carene | 2970 | 3020 | 192 | µg/g | 2% | < 20 | |
| a-Terpinene | 4730 | 4800 | 192 | µg/g | 1% | < 20 | |
| p-Cymene | 723 | 739 | 192 | µg/g | 2% | < 20 | |
| D-Limonene | 196000 | 200000 | 192 | µg/g | 2% | < 20 | |
| Eucalyptol | 2560 | 2690 | 192 | µg/g | 5% | < 20 | |
| b-cis-Ocimene | 2590 | 2650 | 64.2 | µg/g | 2% | < 20 | |
| b-trans-Ocimene | 35300 | 36100 | 128 | µg/g | 2% | < 20 | |
| g-Terpinene | 3140 | 3210 | 192 | µg/g | 2% | < 20 | |
| Sabinene_Hydrate | 302 | 318 | 192 | µg/g | 5% | < 20 | |
| Terpinolene | 96200 | 97500 | 192 | µg/g | 1% | < 20 | |
| D-Fenchone | 796 | 811 | 192 | µg/g | 2% | < 20 | |
| Linalool | 22000 | 22400 | 192 | µg/g | 2% | < 20 | |
| Fenchol | 7070 | 7200 | 192 | µg/g | 2% | < 20 | |
| Camphor | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Isopulego | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Isoborneol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Borneol | 1060 | 1080 | 192 | µg/g | 2% | < 20 | |
| DL-Menthol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Terpineol | 3710 | 3750 | 192 | µg/g | 1% | < 20 | |
| Nerol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Pulegone | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| Gereniol | 404 | 410 | 192 | µg/g | 1% | < 20 | |
| Geranyl_Acetate | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-Cedrene | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| b-Caryophyllene | 72700 | 73500 | 192 | µg/g | 1% | < 20 | |
| a-Humulene | 27900 | 28400 | 192 | µg/g | 2% | < 20 | |
| Valenene | 280 | 277 | 192 | µg/g | 1% | < 20 | |
| cis-Nerolidol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-Farnesene | 29600 | 31400 | 192 | µg/g | 6% | < 20 | |
| trans-Nerolidol | 531 | 538 | 192 | µg/g | 1% | < 20 | |
| Caryophyllene_Oxide | 1510 | 1540 | 192 | µg/g | 2% | < 20 | |
| Guaiol | 306 | 309 | 192 | µg/g | 1% | < 20 | |
| Cedrol | <LOQ | <LOQ | 192 | µg/g | 0% | < 20 | |
| a-Bisabolol | 277 | 298 | 192 | µg/g | 7% | < 20 | |

Definitions
RPD Relative Percent Difference



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REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

Columbia LABORATORIES
A Tentamus Company

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

**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

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

## Laboratory Quality Control Results

**J AOAC 2015 V98-6** **Batch ID: 2311259**

**Laboratory Control Sample**

| Analyte | LCS | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|---|
| CBDVA | 2 | 0.0326 | 0.0324 | % | 101 | 80.0 - 120 | Acceptable | |
| CBDV | 2 | 0.0321 | 0.0324 | % | 99.2 | 80.0 - 120 | Acceptable | |
| CBE | 2 | 0.0344 | 0.0345 | % | 99.6 | 80.0 - 120 | Acceptable | |
| CBDA | 1 | 0.0302 | 0.0324 | % | 93.0 | 90.0 - 110 | Acceptable | |
| CBGA | 1 | 0.0305 | 0.0330 | % | 92.5 | 80.0 - 120 | Acceptable | |
| CBG | 1 | 0.0363 | 0.0379 | % | 95.7 | 80.0 - 120 | Acceptable | |
| CBD | 1 | 0.0299 | 0.0316 | % | 94.6 | 90.0 - 110 | Acceptable | |
| THCV | 2 | 0.0336 | 0.0336 | % | 100 | 80.0 - 120 | Acceptable | |
| d8THCV | 2 | 0.0297 | 0.0294 | % | 101 | 80.0 - 120 | Acceptable | |
| THCVA | 2 | 0.0321 | 0.0320 | % | 100 | 80.0 - 120 | Acceptable | |
| CBN | 1 | 0.0299 | 0.0320 | % | 93.3 | 80.0 - 120 | Acceptable | |
| exo-THC | 2 | 0.0314 | 0.0314 | % | 100 | 80.0 - 120 | Acceptable | |
| d9THC | 1 | 0.0321 | 0.0320 | % | 100 | 90.0 - 110 | Acceptable | |
| d8THC | 1 | 0.0290 | 0.0312 | % | 93.2 | 90.0 - 110 | Acceptable | |
| 9S-d10THC | 1 | 0.0334 | 0.0344 | % | 97.0 | 80.0 - 120 | Acceptable | |
| CBL | 2 | 0.0342 | 0.0349 | % | 97.9 | 80.0 - 120 | Acceptable | |
| 9R-d10THC | 1 | 0.0312 | 0.0340 | % | 91.8 | 80.0 - 120 | Acceptable | |
| CBC | 2 | 0.0339 | 0.0332 | % | 102 | 80.0 - 120 | Acceptable | |
| THCA | 1 | 0.0303 | 0.0328 | % | 92.5 | 90.0 - 110 | Acceptable | |
| CBCA | 2 | 0.0342 | 0.0341 | % | 101 | 80.0 - 120 | Acceptable | |
| CBLA | 2 | 0.0344 | 0.0343 | % | 100 | 80.0 - 120 | Acceptable | |
| d9THCP | 2 | 0.0329 | 0.0333 | % | 98.8 | 80.0 - 120 | Acceptable | |
| CBT | 2 | 0.0352 | 0.0351 | % | 100 | 80.0 - 120 | Acceptable | |

**Method Blank**

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|
| CBDVA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBDV | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBE | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBDA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBGA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBG | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBD | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| THCV | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| d8THCV | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| THCVA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBN | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| exo-THC | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| d9THC | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| d8THC | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| 9S-d10THC | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBL | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| 9R-d10THC | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBC | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| THCA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBCA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBLA | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| d9THCP | <LOQ | 0.00327 | % | < 0.00327 | Acceptable | |
| CBT | <LOQ | 0.00327 | % | < 0.00327 | 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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**Received:** 09/21/23 09:50

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

**Laboratory Quality Control Results**

**J AOAC 2015 V98-6** **Batch ID: 2311259**

**Sample Duplicate**

| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
|---|---|---|---|---|---|---|---|---|
| CBDVA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBDV | 0.00510 | 0.00543 | 0.00328 | % | 6.20 | < 20 | Acceptable | |
| CBE | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBDA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBGA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBG | 0.0177 | 0.0174 | 0.00328 | % | 1.56 | < 20 | Acceptable | |
| CBD | 1.72 | 1.72 | 0.00328 | % | 0.241 | < 20 | Acceptable | |
| THCV | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| d8THCV | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| THCVA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBN | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| exo-THC | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| d9THC | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| d8THC | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| 9S-d10THC | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBL | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| 9R-d10THC | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBC | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| THCA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBCA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBLA | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| d9THCP | <LOQ | <LOQ | 0.00328 | % | NA | < 20 | Acceptable | |
| CBT | <LOQ | <LOQ | 0.00328 | % | 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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REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

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

## Laboratory Quality Control Results

**Residual Solvents** — **Batch ID:** 2311289

| Method Blank | | | | | Laboratory Control Sample | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Analyte | Result | | LOQ | Notes | Result | Spike | Units | % Rec | Limits | | | Notes |
| Propane | ND | < | 200 | | 501 | 584 | µg/g | 85.8 | 60 | - | 120 | |
| Isobutane | ND | < | 200 | | 688 | 767 | µg/g | 89.7 | 60 | - | 120 | |
| Butane | ND | < | 200 | | 648 | 782 | µg/g | 82.9 | 60 | - | 120 | |
| 2,2-Dimethylpropane | ND | < | 200 | | 788 | 939 | µg/g | 83.9 | 60 | - | 120 | |
| Methanol | ND | < | 200 | | 1590 | 1670 | µg/g | 95.2 | 60 | - | 120 | |
| Ethylene Oxide | ND | < | 30 | | 53 | 57.1 | µg/g | 92.8 | 60 | - | 120 | |
| 2-Methylbutane | ND | < | 200 | | 1470 | 1680 | µg/g | 87.5 | 60 | - | 120 | |
| Pentane | ND | < | 200 | | 1470 | 1670 | µg/g | 88.0 | 60 | - | 120 | |
| Ethanol | ND | < | 200 | | 1570 | 1660 | µg/g | 94.6 | 70 | - | 130 | |
| Ethyl Ether | ND | < | 200 | | 1520 | 1670 | µg/g | 91.0 | 60 | - | 120 | |
| 2,2-Dimethylbutane | ND | < | 30 | | 166 | 189 | µg/g | 87.8 | 60 | - | 120 | |
| Acetone | ND | < | 200 | | 1580 | 1670 | µg/g | 94.6 | 60 | - | 120 | |
| 2-Propanol | ND | < | 200 | | 1540 | 1630 | µg/g | 94.5 | 60 | - | 120 | |
| Ethyl Formate | ND | < | 500 | | 1420 | 1600 | µg/g | 88.8 | 70 | - | 130 | |
| Acetonitrile | ND | < | 100 | | 444 | 492 | µg/g | 90.2 | 60 | - | 120 | |
| Methyl Acetate | ND | < | 500 | | 1620 | 1600 | µg/g | 101.3 | 70 | - | 130 | |
| 2,3-Dimethylbutane | ND | < | 30 | | 172 | 180 | µg/g | 95.6 | 60 | - | 120 | |
| Dichloromethane | ND | < | 60 | | 463 | 488 | µg/g | 94.9 | 60 | - | 120 | |
| 2-Methylpentane | ND | < | 30 | | 150 | 182 | µg/g | 82.4 | 60 | - | 120 | |
| MTBE | ND | < | 500 | | 1650 | 1610 | µg/g | 102.5 | 70 | - | 130 | |
| 3-Methylpentane | ND | < | 30 | | 157 | 177 | µg/g | 88.7 | 60 | - | 120 | |
| Hexane | ND | < | 30 | | 159 | 177 | µg/g | 89.8 | 60 | - | 120 | |
| 1-Propanol | ND | < | 500 | | 1620 | 1600 | µg/g | 101.3 | 70 | - | 130 | |
| Methylethylketone | ND | < | 500 | | 1610 | 1610 | µg/g | 100.0 | 70 | - | 130 | |
| Ethyl acetate | ND | < | 200 | | 1490 | 1630 | µg/g | 91.4 | 60 | - | 120 | |
| 2-Butanol | ND | < | 200 | | 1500 | 1630 | µg/g | 92.0 | 60 | - | 120 | |
| Tetrahydrofuran | ND | < | 100 | | 456 | 488 | µg/g | 93.4 | 60 | - | 120 | |
| Cyclohexane | ND | < | 200 | | 1450 | 1610 | µg/g | 90.1 | 60 | - | 120 | |
| 2-methyl-1-propanol | ND | < | 500 | | 1710 | 1610 | µg/g | 106.2 | 70 | - | 130 | |
| Benzene | ND | < | 1 | | 4.63 | 4.79 | µg/g | 96.7 | 60 | - | 120 | |
| Isopropyl Acetate | ND | < | 200 | | 1530 | 1650 | µg/g | 92.7 | 60 | - | 120 | |
| Heptane | ND | < | 200 | | 1470 | 1630 | µg/g | 90.2 | 60 | - | 120 | |
| 1-Butanol | ND | < | 500 | | 1650 | 1600 | µg/g | 103.1 | 70 | - | 130 | |
| Propyl Acetate | ND | < | 500 | | 1600 | 1600 | µg/g | 100.0 | 70 | - | 130 | |
| 1,4-Dioxane | ND | < | 100 | | 460 | 523 | µg/g | 88.0 | 60 | - | 120 | |
| 2-Ethoxyethanol | ND | < | 30 | | 157 | 179 | µg/g | 87.7 | 60 | - | 120 | |
| Methylisobutylketone | ND | < | 500 | | 1720 | 1600 | µg/g | 107.5 | 70 | - | 130 | |
| 3-Methyl-1-butanol | ND | < | 500 | | 1580 | 1600 | µg/g | 98.8 | 70 | - | 130 | |
| Ethylene Glycol | ND | < | 200 | | 234 | 506 | µg/g | 46.2 | 60 | - | 120 | Q6 |
| Toluene | ND | < | 100 | | 446 | 496 | µg/g | 89.9 | 60 | - | 120 | |
| Isobutyl Acetate | ND | < | 500 | | 1570 | 1610 | µg/g | 97.5 | 70 | - | 130 | |
| 1-Pentanol | ND | < | 500 | | 1390 | 1600 | µg/g | 86.9 | 70 | - | 130 | |
| Butyl Acetate | ND | < | 500 | | 1550 | 1610 | µg/g | 96.3 | 70 | - | 130 | |
| Ethylbenzene | ND | < | 200 | | 835 | 978 | µg/g | 85.4 | 60 | - | 120 | |
| m,p-Xylene | ND | < | 200 | | 826 | 994 | µg/g | 83.1 | 60 | - | 120 | |
| o-Xylene | ND | < | 200 | | 798 | 982 | µg/g | 81.3 | 60 | - | 120 | |
| Cumene | ND | < | 30 | | 131 | 171 | µg/g | 76.6 | 60 | - | 120 | |
| Anisole | ND | < | 500 | | 1440 | 1600 | µg/g | 90.0 | 70 | - | 130 | |
| DMSO | ND | < | 500 | | 1410 | 1620 | µg/g | 87.0 | 70 | - | 130 | |
| 1,2-dimethoxyethane | ND | < | 50 | | 185 | 186 | µg/g | 99.5 | 70 | - | 130 | |
| Triethylamine | ND | < | 500 | | 1510 | 1600 | µg/g | 94.4 | 70 | - | 130 | |
| N,N-dimethylformamide | ND | < | 150 | | 458 | 480 | µg/g | 95.4 | 70 | - | 130 | |
| N,N-dimethylacetamide | ND | < | 150 | | 407 | 483 | µg/g | 84.3 | 70 | - | 130 | |
| Pyridine | ND | < | 50 | | 157 | 168 | µg/g | 93.5 | 70 | - | 130 | |
| Sulfolane | ND | < | 50 | | 131 | 161 | µg/g | 81.4 | 70 | - | 130 | |
| 1,2-Dichloroethane | ND | < | 1 | | 0.892 | 1 | µg/g | 89.2 | 70 | - | 130 | |
| Chloroform | ND | < | 1 | | 0.878 | 1 | µg/g | 87.8 | 70 | - | 130 | |
| Trichloroethylene | ND | < | 1 | | 0.949 | 1 | µg/g | 94.9 | 70 | - | 130 | |
| 1,1-Dichloroethane | ND | < | 1 | | 0.867 | 1 | µg/g | 86.7 | 70 | - | 130 | |



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Columbia LABORATORIES
A Tentamus Company

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

**Report Date:** 09/29/2023
**ORELAP#:**

**Received:** 09/21/23 09:50

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

**QC - Sample Duplicate**

| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Accept/Fail | Notes |
|---|---|---|---|---|---|---|---|---|
| Propane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Isobutane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Butane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylpropane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Methanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Oxide | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylbutane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Pentane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Ether | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,2-Dimethylbutane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetone | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Propanol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Formate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Acetonitrile | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 2,3-Dimethylbutane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Dichloromethane | ND | ND | 60 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| MTBE | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methylpentane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Hexane | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Propanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 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
Q6 - Quality control outside QC limits. Data acceptable based on remaining QC.

***Units of Measure:***

µg/g- Microgram per gram or ppm



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Testing in accordance with: OAR 333-007-0390 OAR 333-007-0400 OAR 333-007-0410 OAR 333-007-0430

REPRESENTATIVE COA | Mediworx CBD Heating Relief Gel 1250mg COA 09-29-2023 | bulkcbddistributors.com/product/mediworx-cbd-heating-relief-gel-1250mg/

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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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