



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



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

Customer: KIK By Kalibloom
Product identity: Blue Dream
Client/Metric ID: .
Laboratory ID: 21-008392-0015

Sample Date: 07/19/21 15:00

Summary

Potency:

| Analyte | Result (%) | Figure | | Summary | |
|---------|------------|--------|--------------------------------------------------------------------------------------------|---------------------------------------|------|
| Δ8-THC† | 90.1 | | <ul style="list-style-type: none"> ● 8-THC ● 8-THCV ● CBT | CBD-Total | <LOQ |
| Δ8-THCV | 0.356 | | | THC-Total | <LOQ |
| CBT† | 0.280 | | | (Reported in percent of total sample) | |

Residual Solvents:

| Analyte | Result (µg/g) | Limits (µg/g) | Status |
|-----------|---------------|---------------|--------|
| n-Heptane | 2480 | 5000 | pass |

Pesticides:

All analytes passing and less than LOQ.

Terpenes:

| Analyte | Percent by weight | Percent of Total | Analyte | Percent by weight | Percent of Total |
|--------------------------|-------------------|------------------|------------------------|-------------------|------------------|
| (R)-(+)-Limonene† | 1.20 | 25.64% | β-Myrcene† | 0.856 | 18.29% |
| β-Caryophyllene† | 0.826 | 17.65% | Linalool† | 0.299 | 6.39% |
| (+)-fenchol† | 0.229 | 4.89% | (-)-β-Pinene† | 0.227 | 4.85% |
| α-pinene† | 0.183 | 3.91% | p-Cymene† | 0.164 | 3.50% |
| Humulene† | 0.127 | 2.71% | d-3-Carene† | 0.122 | 2.61% |
| (-)-α-Terpineol† | 0.115 | 2.46% | Terpinolene† | 0.112 | 2.39% |
| α-Bisabolol† | 0.0851 | 1.82% | (±)-Camphor† | 0.0458 | 0.98% |
| (-)-caryophyllene oxide† | 0.0363 | 0.78% | Camphene† | 0.0279 | 0.60% |
| Geraniol† | 0.0219 | 0.47% | Total Terpenes† | 4.68 | 100.00% |

Metals:

Less than LOQ for all analytes.



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Customer: KIK By Kalibloom
 United States of America (USA)
Product identity: Blue Dream
Client/Metric ID: .
Sample Date: 07/19/21 15:00
Laboratory ID: 21-008392-0015
Evidence of Cooling: No
Temp: 23.6 °C

Sample Results

| Potency | Method J AOAC 2015 V98-6 (mod) | Units % | Batch: 2106661 | Analyze: 7/27/21 12:31:00 AM |
|----------------------------|--------------------------------|------------|----------------|------------------------------|
| Analyte | As Received | Dry weight | LOQ | Notes |
| CBC | < LOQ | | 0.0911 | |
| CBC-A† | < LOQ | | 0.0911 | |
| CBC-Total† | < LOQ | | 0.171 | |
| CBD | < LOQ | | 0.0911 | |
| CBD-A | < LOQ | | 0.0911 | |
| CBD-Total | < LOQ | | 0.171 | |
| CBDV† | < LOQ | | 0.0911 | |
| CBDV-A† | < LOQ | | 0.0911 | |
| CBDV-Total† | < LOQ | | 0.170 | |
| CBE† | < LOQ | | 0.0911 | |
| CBG† | < LOQ | | 0.0911 | |
| CBG-A† | < LOQ | | 0.0911 | |
| CBG-Total | < LOQ | | 0.170 | |
| CBL† | < LOQ | | 0.0911 | |
| CBL-A† | < LOQ | | 0.0911 | |
| CBL-Total† | < LOQ | | 0.171 | |
| CBN | < LOQ | | 0.0911 | |
| CBT† | 0.280 | | 0.0911 | |
| Δ8-THC† | 90.1 | | 0.911 | |
| Δ8-THCV | 0.356 | | 0.0911 | |
| Δ9-THC | < LOQ | | 0.0911 | |
| THC-A | < LOQ | | 0.0911 | |
| THC-Total | < LOQ | | 0.171 | |
| THCV† | < LOQ | | 0.0911 | |
| THCV-A† | < LOQ | | 0.0911 | |
| THCV-Total† | < LOQ | | 0.170 | |
| Total Cannabinoids† | 90.7 | | | |





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| Solvents | | | | | | Residual Solvents by GC/MS | | | | | Units µg/g | Batch 2106609 | Analyze 07/26/21 01:52 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 | 2480 | 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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| Pesticides | | | | | | | | | | | |
|------------------------------------------------------------------------------------------|--------|--------|-------|--------|-------|---------------------|--------|--------|-------|--------|-------|
| Method AOAC 2007.01 & EN 15662 (mod) Units mg/kg Batch 2106667 Analyze 07/27/21 04:25 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 | | Fonicamid | < 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 | | | | | | | |

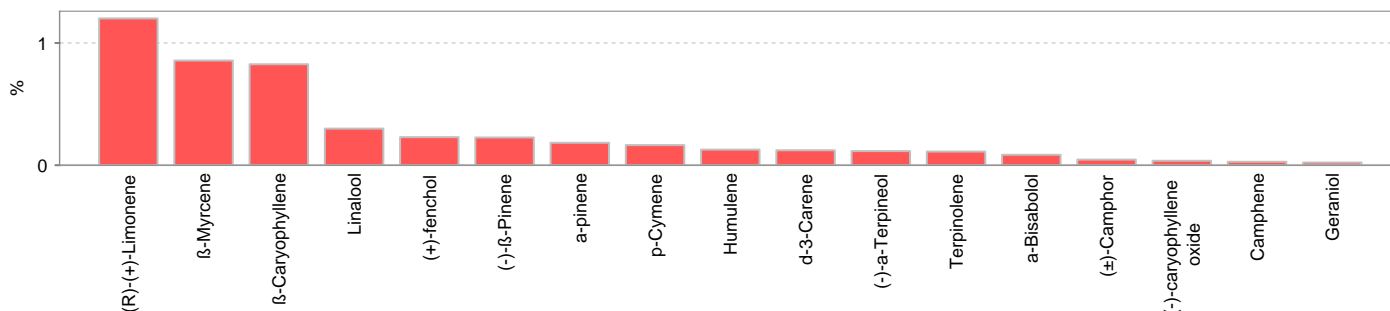


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| Terpenes | | | | Method J AOAC 2015 V98-6 | Units % | Batch 2106687 | Analyze 07/28/21 04:06 AM | | |
|--------------------------------------|-------------|-------|------------|--------------------------|----------------------------------|---------------|---------------------------|------------|-------|
| Analyte | Result | LOQ | % of Total | Notes | Analyte | Result | LOQ | % of Total | Notes |
| (R)-(+)-Limonene [†] | 1.20 | 0.019 | 25.64% | | β-Myrcene [†] | 0.856 | 0.019 | 18.29% | |
| β-Caryophyllene [†] | 0.826 | 0.019 | 17.65% | | Linalool [†] | 0.299 | 0.019 | 6.39% | |
| (+)-fenchol [†] | 0.229 | 0.019 | 4.89% | | (-)-β-Pinene [†] | 0.227 | 0.019 | 4.85% | |
| α-pinene [†] | 0.183 | 0.019 | 3.91% | | p-Cymene [†] | 0.164 | 0.019 | 3.50% | |
| Humulene [†] | 0.127 | 0.019 | 2.71% | | d-3-Carene [†] | 0.122 | 0.019 | 2.61% | |
| (-)-α-Terpineol [†] | 0.115 | 0.019 | 2.46% | | Terpinolene [†] | 0.112 | 0.019 | 2.39% | |
| α-Bisabolol [†] | 0.0851 | 0.019 | 1.82% | | (±)-Camphor [†] | 0.0458 | 0.019 | 0.98% | |
| (-)-caryophyllene oxide [†] | 0.0363 | 0.019 | 0.78% | | Camphene [†] | 0.0279 | 0.019 | 0.60% | |
| Geraniol [†] | 0.0219 | 0.019 | 0.47% | | (+)-Pulegone [†] | < LOQ | 0.019 | 0.00% | |
| α-Terpinene [†] | < LOQ | 0.019 | 0.00% | | farnesene [†] | < LOQ | 0.019 | 0.00% | |
| Sabinene [†] | < LOQ | 0.019 | 0.00% | | Sabinene hydrate [†] | < LOQ | 0.019 | 0.00% | |
| Menthol [†] | < LOQ | 0.019 | 0.00% | | (+)-Borneol [†] | < LOQ | 0.019 | 0.00% | |
| (-)-Guaiol [†] | < LOQ | 0.019 | 0.00% | | (-)-Isopulegol [†] | < LOQ | 0.019 | 0.00% | |
| (+)-Cedrol [†] | < LOQ | 0.019 | 0.00% | | (±)-cis-Nerolidol [†] | < LOQ | 0.019 | 0.00% | |
| (±)-fenchone [†] | < LOQ | 0.019 | 0.00% | | (±)-trans-Nerolidol [†] | < LOQ | 0.019 | 0.00% | |
| α-cedrene [†] | < LOQ | 0.019 | 0.00% | | α-phellandrene [†] | < LOQ | 0.019 | 0.00% | |
| cis-β-Ocimene [†] | < LOQ | 0.006 | 0.00% | | Eucalyptol [†] | < LOQ | 0.019 | 0.00% | |
| γ-Terpinene [†] | < LOQ | 0.019 | 0.00% | | Geranyl acetate [†] | < LOQ | 0.019 | 0.00% | |
| Isoborneol [†] | < LOQ | 0.019 | 0.00% | | nerol [†] | < LOQ | 0.019 | 0.00% | |
| trans-β-Ocimene [†] | < LOQ | 0.013 | 0.00% | | valencene [†] | < LOQ | 0.019 | 0.00% | |
| Total Terpenes | 4.68 | | | | | | | | |



| Metals | | | | | | | | | |
|---------|--------|--------|-------|--------|---------|----------|---------------------|-------|--|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes | |
| Arsenic | < LOQ | | mg/kg | 0.0491 | 2106701 | 07/28/21 | AOAC 2013.06 (mod.) | X | |
| Cadmium | < LOQ | | mg/kg | 0.0491 | 2106701 | 07/28/21 | AOAC 2013.06 (mod.) | X | |
| Lead | < LOQ | | mg/kg | 0.0491 | 2106701 | 07/28/21 | AOAC 2013.06 (mod.) | X | |
| Mercury | < LOQ | | mg/kg | 0.0245 | 2106701 | 07/28/21 | AOAC 2013.06 (mod.) | X | |



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Received: 07/22/21 15:42

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not NELAP accredited.

Units of Measure

µg/g = Microgram per gram

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

% = Percentage of sample

% wt = µg/g divided by 10,000

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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KIKBYKALIB 21-008392



Hemp / Cannabis Usable / Extract
Chain of Custody Record

Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020
ORELAP ID: OR100028



KIK By Kalibloom

| Company: <u>KIK BY KALIBLOOM</u> | | | | Analysis Requested | | | | | | PO Number: _____ | | | | | | |
|-----------------------------------------------------------|------------------------------|--------------|------------|---------------------------------|--------|--------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---|---|---------------------|---------------|----------------|--------------------|
| Contact: <u>TAYLOR</u> | | | | | | | | | | Project Number: _____ | | | Project Name: _____ | | | |
| Street: <u>3015 ERUSSELL RD STE A-4</u> | | | | POTENCY | METALS | SOLVENTS | PESTICIDES | TERPENES | Custom Reporting: _____ | | | | | | | |
| City: <u>LAS VEGAS</u> State: <u>NV</u> Zip: <u>09120</u> | | | | | | | | | Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ | | | | | | | |
| Email Results: <u>KALIBLOOM@WORLDWIDE</u> | | | | | | | | | Turnaround time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * | | | | | | | |
| Ph: <u>(702) 210-052</u> Fx Results: () | | | | | | | | | *Ask for availability | | | | | | | |
| Billing (if different): <u>BILL TO KALIBLOOM</u> | | | | | | | | | Sampled by: _____ | | | | | | | |
| Lab ID | Client Sample Identification | Date | Time | | | | | | | | | | | Sample Type † | Weight (Units) | Comments/Metric ID |
| | <u>BERRY KUSH</u> | <u>07/19</u> | <u>300</u> | | | | | | X | X | X | X | X | <u>C</u> | <u>4GR</u> | |
| | <u>DISCOTTI</u> | <u>07/19</u> | <u>300</u> | | | | | | X | X | X | X | X | <u>C</u> | <u>4GR</u> | |
| | <u>CHEMDANG</u> | <u>07/19</u> | <u>300</u> | | | | | | X | X | X | X | X | <u>C</u> | <u>4GR</u> | |
| | <u>FIRE OG</u> | <u>07/19</u> | <u>300</u> | | | | | | X | X | X | X | X | <u>C</u> | <u>4GR</u> | |
| | <u>GELATO #41</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| | <u>GRADE APE</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| | <u>GUAVA</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| | <u>GUSHERS</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| | <u>KING LOUIS XIII</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| | <u>LEMON CAKE</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| | <u>PAPAYA ROSIN</u> | <u>07/19</u> | <u>300</u> | X | X | X | X | X | <u>C</u> | <u>4GR</u> | | | | | | |
| Relinquished By: <u>[Signature]</u> | | Date | Time | Received By: <u>[Signature]</u> | | Date | Time | Lab Use Only: | | | | | | | | |
| | | <u>07/19</u> | <u>300</u> | | | <u>07/21</u> | <u>1540</u> | <input type="checkbox"/> Shipped Via: <u>UPS</u> or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No - Temp (°C): <u>23.6</u> Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: Prelog storage: _____ | | | | | | | | |

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C)

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P: (503) 254-1794 | Fax: (503) 254-1452
info@columbialaboratories.com

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www.columbialaboratories.com



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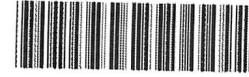
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Hemp / Cannabis Usable / Extract
Chain of Custody Record

Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020
ORELAP ID: OR100028

KIKBYKALIB 21-008392



KIK By Kalibloom

| Company: <u>KIK BY KALIBLOOM</u> Contact: <u>TAYLOR</u> Street: <u>2016 E PIKCELL RD STE A-4</u> City: <u>LAS VEGAS</u> State: <u>NV</u> Zip: <u>89120</u> Email Results: <input checked="" type="checkbox"/> <u>KALIBLOOMWORLDWIDE@EMAIL.COM</u> <input type="checkbox"/> Fx Results: () Ph: <u>702-510-0452</u> Billing (if different): <u>BILL TO KALIBLOOM</u> | | | | Analysis Requested POTENCY METALS SOLVENTS PESTICIDES TERPENES | | | | | | PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * <small>*Ask for availability</small> | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------|-------|-------------------------------------------------------------------|--------------|----------|------------|----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Lab ID | Client Sample Identification | Date | Time | POTENCY | METALS | SOLVENTS | PESTICIDES | TERPENES | Sample Type † | Weight (Units) | Comments/Metric ID |
| | RUNTZ | 07/19 | 200 | X | X | X | X | X | C | 4GR | |
| | SOUR DIESEL SAVOR | 07/19 | 200 | X | X | X | X | X | C | 4GR | |
| | GORILLA GLUE | 07/19 | 200 | X | X | X | X | X | C | 4GR | |
| | BLUE DREAM | 07/19 | 200 | X | X | X | X | X | C | 4GR | |
| Relinquished By: <u>[Signature]</u> | | | Date | Time | Received By: | | | Date | Time | Lab Use Only: | |
| | | | 07/19 | 200 | | | | | | <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): _____ Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____ | |

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C)

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms
 12423 NE Whitaker Way
Portland, OR 97230
 P: (503) 254-1794 | Fax: (503) 254-1452
info@columbiaboratories.com
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Portland, OR 97230
503-254-1794

Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42



Hemp / Cannabis Usable / Extract
Chain of Custody Record

Revision: 3.01 Control#: CF023 Rev 02/26/2020 Eff: 02/27/2020
ORELAP ID: OR100028

KIKBYKALIB 21-008392



KIK By Kalibloom

| | | | | | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------|------|---------------------------|--------|------------|-------------------------|----------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--|
| Company: <u>KALIBLOOM</u> Contact: <u>TAYLOR</u> Street: <u>2215 E. RUSSELL RD STE A-7</u> City: <u>LAS VEGAS</u> State: <u>NV</u> Zip: <u>89120</u> Email Results: <u>KALIBLOOM@GMAIL.COM</u> Ph: <u>(702) 521-0402</u> Fx Results: () Billing (if different): _____ | | | | Analysis Requested | | | | | | | PO Number: _____ Project Number: _____ Project Name: _____ Custom Reporting: _____ Report to State - <input type="checkbox"/> METRC or <input type="checkbox"/> Other: _____ Turnaround time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush * <input type="checkbox"/> Priority Rush * <i>*Ask for availability</i> | | |
| Lab ID | Client Sample Identification | Date | Time | POTENCY | METALS | PESTICIDES | TERPENES | MOISTURE | WATER ACTIVITY | Sample Type † | Weight (Units) | Comments/Metric ID | |
| | LEMON SKUNK | 07/19 | 3:30 | X | X | X | X | X | X | V | 15 GR | | |
| Relinquished By: <u>[Signature]</u> | | | | Received By: _____ | | | Date: _____ Time: _____ | | | Lab Use Only: <input type="checkbox"/> Shipped Via: _____ or <input type="checkbox"/> Client drop Evidence of cooling: <input type="checkbox"/> Yes <input type="checkbox"/> No - Temp (°C): _____ Sample in good condition: <input type="checkbox"/> Yes <input type="checkbox"/> No _____ <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> CC <input type="checkbox"/> Net: _____ Prelog storage: _____ | | | |

† - Sample Type Codes: Vegetation (V) ; Isolates (S) ; Extract/Concentrate (C)

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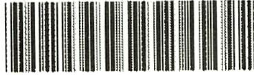


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503-254-1794



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

KIKBYKALIB 21-008392



Columbia Laboratories
Sample Receipt Form

Revision: 2.00 Document Control: CF015
Revised: 01/11/2021 Effective: 03/16/2021

Job Number: KIK By Kalibloom

Search Name: _____

Package/Cooler opened on (if different than received date/time) Date: 7/22/21 Time: 1542

Received By (Initials): TD Logged in by (Initials): _____ Date: _____ Time: _____

1) Were custody seals on outside of the package/cooler? YES NO NA
If YES, how many and where? _____

Does date match collection date on COC? _____ YES NO NA

2) Was Chain of Custody (COC) included in the package/cooler? YES NO NA

3) Was COC signed when relinquished and received? (time, date)? YES NO NA

4) How was the package/cooler delivered?

UPS FEDEX USPS CLIENT COURIER OTHER: _____

Tracking Number (written in or copy of shipping label): 2017 1608 1507

5) Was packing material used? YES NO NA

Peanuts Bubble Wrap Foam Paper Other:

6) Was temperature upon receipt 4°C+/- 2°C (if appropriate)? YES NO NA

If not, client contacted: _____
Proceed? YES NO

7) Was there evidence of cooling? YES NO NA

What kind?
Blue Ice Ice Cooler Packs Dry Ice

8) Were all sample containers sealed in separate plastic bags? YES NO NA

9) Did all sample containers arrive in good condition? YES NO NA

10) Were all sample container labels complete? YES NO NA

11) Did all sample container labels and tags agree with the COC? YES NO NA

12) Were correct sample containers used for the tests indicated? YES NO NA

13) Were VOA vials checked for absence of air bubbles (note if found)? YES NO NA

14) Was a sufficient amount of sample sent in each sample container? YES NO NA

16) Sample location prior to login: R99 R39 R44 F44 Ambient Shelf Cannabis Table Other: _____

Explain any discrepancies: _____

Page ____ of ____



12423 NE Whitaker Way
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503-254-1794



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

Laboratory Quality Control Results

| Residual Solvents | | | | Batch ID: 2106609 | | | | | |
|-----------------------|--------|-------|-------|---------------------------|-------|-------|-------|--------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes |
| Propane | ND | < 200 | | 431 | 595 | µg/g | 72.4 | 70 | - 130 |
| Isobutane | ND | < 200 | | 610 | 761 | µg/g | 80.2 | 70 | - 130 |
| Butane | ND | < 200 | | 623 | 761 | µg/g | 81.9 | 70 | - 130 |
| 2,2-Dimethylpropane | ND | < 200 | | 800 | 955 | µg/g | 83.8 | 70 | - 130 |
| Ethylene Oxide | ND | < 30 | | 47.6 | 58.3 | µg/g | 81.6 | 70 | - 130 |
| Ethyl Formate | ND | < 500 | | 1610 | 1610 | µg/g | 100.0 | 70 | - 130 |
| Methyl Acetate | ND | < 500 | | 1660 | 1610 | µg/g | 103.1 | 70 | - 130 |
| MTBE | ND | < 500 | | 1650 | 1600 | µg/g | 103.1 | 70 | - 130 |
| 1-Propanol | ND | < 500 | | 1640 | 1620 | µg/g | 101.2 | 70 | - 130 |
| Methylethylketone | ND | < 500 | | 1500 | 1610 | µg/g | 93.2 | 70 | - 130 |
| 2-methyl-1-propanol | ND | < 500 | | 1580 | 1610 | µg/g | 98.1 | 70 | - 130 |
| 1-Butanol | ND | < 500 | | 1280 | 1620 | µg/g | 79.0 | 70 | - 130 |
| Propyl Acetate | ND | < 500 | | 1670 | 1610 | µg/g | 103.7 | 70 | - 130 |
| Methylisobutylketone | ND | < 500 | | 1610 | 1620 | µg/g | 99.4 | 70 | - 130 |
| 3-Methyl-1-butanol | ND | < 500 | | 1610 | 1610 | µg/g | 100.0 | 70 | - 130 |
| Isobutyl Acetate | ND | < 500 | | 1420 | 1620 | µg/g | 87.7 | 70 | - 130 |
| 1-Pentanol | ND | < 500 | | 1320 | 1620 | µg/g | 81.5 | 70 | - 130 |
| Butyl Acetate | ND | < 500 | | 1500 | 1620 | µg/g | 92.6 | 70 | - 130 |
| Anisole | ND | < 500 | | 1760 | 1640 | µg/g | 107.3 | 70 | - 130 |
| DMSO | ND | < 500 | | 1910 | 1620 | µg/g | 117.9 | 70 | - 130 |
| 1,2-dimethoxyethane | ND | < 50 | | 144 | 162 | µg/g | 88.9 | 70 | - 130 |
| Triethylamine | ND | < 500 | | 1590 | 1610 | µg/g | 98.8 | 70 | - 130 |
| N,N-dimethylformamide | ND | < 150 | | 551 | 487 | µg/g | 113.1 | 70 | - 130 |
| N,N-dimethylacetamide | ND | < 150 | | 554 | 492 | µg/g | 112.6 | 70 | - 130 |
| Pyridine | ND | < 50 | | 133 | 165 | µg/g | 80.6 | 70 | - 130 |



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Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

QC - Sample Duplicate Sample ID: 21-008145-0001

| 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 | |
| Ethylene Oxide | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethyl Formate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl Acetate | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| MTBE | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 1-Propanol | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| Methyl ethyl ketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-methyl-1-propanol | ND | ND | 500 | 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 | |
| Methylisobutylketone | ND | ND | 500 | µg/g | 0.0 | < 20 | Acceptable | |
| 3-Methyl-1-butanol | ND | ND | 500 | 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 | |
| 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 | |

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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Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

| Laboratory Quality Control Results | | | | | | | | | |
|------------------------------------|--------|-------|---------------------------|-------------------|-------|-------|----------|--------|-------|
| Residual Solvents | | | | Batch ID: 2106609 | | | | | |
| Method Blank | | | Laboratory Control Sample | | | | | | |
| Analyte | Result | LOQ | Notes | Result | Spike | Units | % Rec | Limits | Notes |
| Methanol | ND | < 200 | | 1560 | 1610 | µg/g | 96.9 70 | - 130 | |
| 2-Methylbutane | ND | < 200 | | 1480 | 1610 | µg/g | 91.9 70 | - 130 | |
| Pentane | ND | < 200 | | 1510 | 1620 | µg/g | 93.2 70 | - 130 | |
| Ethanol | ND | < 200 | | 1880 | 1610 | µg/g | 104.3 70 | - 130 | |
| Ethyl Ether | ND | < 200 | | 1610 | 1610 | µg/g | 100.0 70 | - 130 | |
| 2,2-Dimethylbutane | ND | < 30 | | 149 | 172 | µg/g | 86.6 70 | - 130 | |
| Acetone | ND | < 200 | | 1560 | 1600 | µg/g | 97.5 70 | - 130 | |
| 2-Propanol | ND | < 200 | | 1730 | 1620 | µg/g | 106.8 70 | - 130 | |
| Acetonitrile | ND | < 100 | | 495 | 501 | µg/g | 98.8 70 | - 130 | |
| 2,3-Dimethylbutane | ND | < 30 | | 187 | 163 | µg/g | 114.7 70 | - 130 | |
| Dichloromethane | ND | < 60 | | 504 | 483 | µg/g | 104.3 70 | - 130 | |
| 2-Methylpentane | ND | < 30 | | 195 | 164 | µg/g | 118.9 70 | - 130 | |
| 3-Methylpentane | ND | < 30 | | 167 | 164 | µg/g | 101.8 70 | - 130 | |
| Hexane | ND | < 30 | | 181 | 163 | µg/g | 111.0 70 | - 130 | |
| Ethyl acetate | ND | < 200 | | 1670 | 1610 | µg/g | 103.7 70 | - 130 | |
| 2-Butanol | ND | < 200 | | 1740 | 1620 | µg/g | 107.4 70 | - 130 | |
| Tetrahydrofuran | ND | < 100 | | 558 | 500 | µg/g | 111.6 70 | - 130 | |
| Cyclohexane | ND | < 200 | | 1590 | 1610 | µg/g | 98.8 70 | - 130 | |
| Benzene | ND | < 1 | | 5.75 | 5.42 | µg/g | 106.1 70 | - 130 | |
| Isopropyl Acetate | ND | < 200 | | 1640 | 1600 | µg/g | 102.5 70 | - 130 | |
| Heptane | ND | < 200 | | 1490 | 1600 | µg/g | 93.1 70 | - 130 | |
| 1,4-Dioxane | ND | < 100 | | 510 | 490 | µg/g | 104.1 70 | - 130 | |
| 2-Ethoxyethanol | ND | < 30 | | 163 | 163 | µg/g | 100.0 70 | - 130 | |
| Ethylene Glycol | ND | < 200 | | 53.1 | 484 | µg/g | 11.0 70 | - 130 | |
| Toluene | ND | < 200 | | 505 | 482 | µg/g | 104.8 70 | - 130 | |
| Ethylbenzene | ND | < 200 | | 1120 | 970 | µg/g | 115.5 70 | - 130 | |
| m,p-Xylene | ND | < 200 | | 1110 | 991 | µg/g | 112.0 70 | - 130 | |
| o-Xylene | ND | < 200 | | 1150 | 967 | µg/g | 118.9 70 | - 130 | |
| Cumene | ND | < 30 | | 203 | 169 | µg/g | 120.1 70 | - 130 | |



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 503-254-1794



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

QC - Sample Duplicate Sample ID: 21-008145-0001

| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Accept/Fail | Notes |
|--------------------|--------|-------------|-----|-------|-----|--------|-------------|-------|
| Methanol | ND | ND | 200 | 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 | 3 | µg/g | 0.0 | < 20 | Acceptable | |
| Isopropyl Acetate | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Heptane | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| 1,4-Dioxane | ND | ND | 100 | µg/g | 0.0 | < 20 | Acceptable | |
| 2-Ethoxyethanol | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylene Glycol | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Toluene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Ethylbenzene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| m,p-Xylene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| o-Xylene | ND | ND | 200 | µg/g | 0.0 | < 20 | Acceptable | |
| Cumene | ND | ND | 30 | µg/g | 0.0 | < 20 | Acceptable | |

Abbreviations

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

Units of Measure:

µg/g - Microgram per gram or ppm



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Portland, OR 97230
503-254-1794



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

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: 2106661**

| Laboratory Control Sample | | | | | | | |
|---------------------------|--------|-------|-------|-------|------------|------------|-------|
| Analyte | Result | Spike | Units | % Rec | Limits | Evaluation | Notes |
| CBDVA | 0.204 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| CBDV | 0.205 | 0.2 | % | 103 | 85.0 - 115 | Acceptable | |
| CBE | 0.207 | 0.2 | % | 104 | 85.0 - 115 | Acceptable | |
| CBDA | 0.208 | 0.2 | % | 104 | 85.0 - 115 | Acceptable | |
| CBGA | 0.207 | 0.2 | % | 103 | 85.0 - 115 | Acceptable | |
| CBG | 0.204 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| CBD | 0.212 | 0.2 | % | 106 | 85.0 - 115 | Acceptable | |
| THCV | 0.202 | 0.2 | % | 101 | 85.0 - 115 | Acceptable | |
| d8THCV | 0.204 | 0.2 | % | 102 | 85.0 - 115 | Acceptable | |
| THCVA | 0.196 | 0.2 | % | 98.1 | 85.0 - 115 | Acceptable | |
| CBN | 0.217 | 0.2 | % | 108 | 85.0 - 115 | Acceptable | |
| exo-THC | 0.194 | 0.2 | % | 97.2 | 85.0 - 115 | Acceptable | |
| d9THC | 0.212 | 0.2 | % | 106 | 85.0 - 115 | Acceptable | |
| d8THC | 0.194 | 0.2 | % | 96.8 | 85.0 - 115 | Acceptable | |
| CBL | 0.195 | 0.2 | % | 97.4 | 85.0 - 115 | Acceptable | |
| CBC | 0.210 | 0.2 | % | 105 | 85.0 - 115 | Acceptable | |
| THCA | 0.200 | 0.2 | % | 100 | 85.0 - 115 | Acceptable | |
| CBCA | 0.199 | 0.2 | % | 99.6 | 85.0 - 115 | Acceptable | |
| CBLA | 0.210 | 0.2 | % | 105 | 85.0 - 115 | Acceptable | |
| CBT | 0.216 | 0.2 | % | 108 | 85.0 - 115 | Acceptable | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------|------|-------|--------|------------|-------|
| CBDVA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBDV | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBE | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBDA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBGA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBG | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBD | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| THCV | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| d8THCV | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| THCVA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBN | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| exo-THC | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| d9THC | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| d8THC | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBL | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBC | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| THCA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBCA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBLA | <LOQ | 0.01 | % | < 0.01 | Acceptable | |
| CBT | <LOQ | 0.01 | % | < 0.01 | 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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Portland, OR 97230
503-254-1794



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

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: 2106661 | | | | | | |
|-------------------|--------|---------------------------|-----|-------|------|--------|------------|-------|
| Sample Duplicate | | Sample ID: 21-008148-0001 | | | | | | |
| 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 | 5.58 | 5.76 | 0.1 | % | 3.15 | < 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 | <LOQ | <LOQ | 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



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Portland, OR 97230
503-254-1794



Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

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: 2106667 | | | | |
|------------------------------------------------|--------|---------------------------|---------|-------|-------|-------------------|----------|-----------|----------|-------|
| Matrix Spike/Matrix Spike Duplicate Recoveries | | Sample ID: 21-008361-0001 | | | | | | | | |
| Analyte | Result | MS Res | MSD Res | Spike | RPD% | Limit | MS % Rec | MSD % Rec | Limits | Notes |
| Acephate | 0.000 | 1.029 | 0.973 | 1.000 | 5.5% | < 30 | 102.9% | 97.3% | 50 - 150 | |
| Acequinocyl | 0.000 | 2.727 | 1.928 | 4.000 | 34.3% | < 30 | 68.2% | 48.2% | 50 - 150 | R, Q |
| Acetamiprid | 0.000 | 0.411 | 0.396 | 0.400 | 3.6% | < 30 | 102.8% | 99.1% | 50 - 150 | |
| Aldicarb | 0.000 | 0.797 | 0.959 | 0.800 | 18.4% | < 30 | 99.6% | 119.9% | 50 - 150 | |
| Abamectin | 0.000 | 0.991 | 1.008 | 1.000 | 1.7% | < 30 | 99.1% | 100.8% | 50 - 150 | |
| Azoxystrobin | 0.000 | 0.403 | 0.395 | 0.400 | 2.0% | < 30 | 100.7% | 98.6% | 50 - 150 | |
| Bifenazate | 0.000 | 0.441 | 0.430 | 0.400 | 2.7% | < 30 | 110.3% | 107.4% | 50 - 150 | |
| Bifenthrin | 0.000 | 0.361 | 0.452 | 0.400 | 22.5% | < 30 | 90.3% | 113.1% | 50 - 150 | |
| Boscalid | 0.000 | 0.811 | 0.746 | 0.800 | 8.4% | < 30 | 101.4% | 93.2% | 50 - 150 | |
| Carbaryl | 0.000 | 0.375 | 0.395 | 0.400 | 5.0% | < 30 | 93.8% | 98.6% | 50 - 150 | |
| Carbofuran | 0.000 | 0.429 | 0.384 | 0.400 | 11.1% | < 30 | 107.3% | 96.0% | 50 - 150 | |
| Chlorantraniliprol | 0.000 | 0.354 | 0.405 | 0.400 | 13.5% | < 30 | 88.6% | 101.4% | 50 - 150 | |
| Chlorfenapyr | 0.000 | 1.900 | 2.173 | 2.000 | 13.4% | < 30 | 95.0% | 108.7% | 50 - 150 | |
| Chlorpyrifos | 0.000 | 0.121 | 0.123 | 0.400 | 2.0% | < 30 | 30.2% | 30.8% | 50 - 150 | Q |
| Clofentezine | 0.000 | 0.371 | 0.377 | 0.400 | 1.6% | < 30 | 92.7% | 94.2% | 50 - 150 | |
| Cyfluthrin | 0.000 | 1.701 | 1.695 | 2.000 | 0.3% | < 30 | 85.0% | 84.8% | 30 - 150 | |
| Cypermethrin | 0.000 | 1.683 | 1.623 | 2.000 | 3.6% | < 30 | 84.2% | 81.2% | 50 - 150 | |
| Daminozide | 0.041 | 2.115 | 2.083 | 2.000 | 1.5% | < 30 | 103.7% | 102.1% | 30 - 150 | |
| Diazinon | 0.000 | 0.381 | 0.403 | 0.400 | 5.6% | < 30 | 95.3% | 100.7% | 50 - 150 | |
| Dichlorvos | 0.000 | 2.049 | 1.990 | 2.000 | 2.9% | < 30 | 102.5% | 99.5% | 50 - 150 | |
| Dimethoat | 0.000 | 0.395 | 0.398 | 0.400 | 0.9% | < 30 | 98.7% | 99.6% | 50 - 150 | |
| Ethoprophos | 0.000 | 0.379 | 0.385 | 0.400 | 1.6% | < 30 | 94.7% | 96.2% | 50 - 150 | |
| Etofenprox | 0.000 | 0.804 | 1.174 | 0.800 | 37.5% | < 30 | 100.4% | 146.8% | 50 - 150 | R, Q |
| Etoxazol | 0.000 | 0.426 | 0.406 | 0.400 | 4.7% | < 30 | 106.4% | 101.5% | 50 - 150 | |
| Fenoxycarb | 0.000 | 0.402 | 0.415 | 0.400 | 3.1% | < 30 | 100.6% | 103.7% | 50 - 150 | |
| Fenpyroximat | 0.000 | 0.793 | 0.858 | 0.800 | 7.9% | < 30 | 99.1% | 107.3% | 50 - 150 | |
| Fipronil | 0.000 | 0.804 | 0.758 | 0.800 | 6.0% | < 30 | 100.5% | 94.7% | 50 - 150 | |
| Fonicamid | 0.000 | 1.018 | 1.011 | 1.000 | 0.6% | < 30 | 101.8% | 101.1% | 50 - 150 | |
| Fludioxonil | 0.000 | 0.796 | 0.822 | 0.800 | 3.1% | < 30 | 99.6% | 102.7% | 50 - 150 | |
| Hexythiazox | 0.000 | 0.121 | 0.121 | 1.000 | 0.2% | < 30 | 12.1% | 12.1% | 50 - 150 | Q |
| Imazalil | 0.000 | 0.409 | 0.410 | 0.400 | 0.4% | < 30 | 102.2% | 102.6% | 50 - 150 | |
| Imidacloprid | 0.000 | 0.820 | 0.821 | 0.800 | 0.2% | < 30 | 102.5% | 102.7% | 50 - 150 | |
| Kresoxim-Methyl | 0.000 | 0.833 | 0.811 | 0.800 | 2.8% | < 30 | 104.2% | 101.3% | 50 - 150 | |
| Malathion | 0.000 | 0.417 | 0.413 | 0.400 | 0.9% | < 30 | 104.1% | 103.2% | 50 - 150 | |
| Metaxalyl | 0.000 | 0.406 | 0.410 | 0.400 | 0.8% | < 30 | 101.6% | 102.4% | 50 - 150 | |
| Methiocarb | 0.000 | 0.394 | 0.383 | 0.400 | 2.7% | < 30 | 98.5% | 95.9% | 50 - 150 | |
| Methomyl | 0.000 | 0.808 | 0.795 | 0.800 | 1.7% | < 30 | 101.1% | 99.3% | 50 - 150 | |
| MGK 264 | 0.000 | 0.325 | 0.332 | 0.400 | 2.1% | < 30 | 81.3% | 83.0% | 50 - 150 | |
| Myclobutanil | 0.000 | 0.429 | 0.422 | 0.400 | 1.6% | < 30 | 107.2% | 105.5% | 50 - 150 | |
| Naled | 0.000 | 0.926 | 0.969 | 1.000 | 4.5% | < 30 | 92.6% | 96.9% | 50 - 150 | |
| Oxamyl | 0.000 | 2.013 | 2.059 | 2.000 | 2.3% | < 30 | 100.7% | 103.0% | 50 - 150 | |
| Paclobutrazol | 0.000 | 0.828 | 0.809 | 0.800 | 2.3% | < 30 | 103.5% | 101.1% | 50 - 150 | |
| Parathion Methyl | 0.000 | 0.733 | 0.780 | 0.800 | 6.2% | < 30 | 91.6% | 97.5% | 30 - 150 | |
| Permethrin | 0.000 | 0.349 | 0.404 | 0.400 | 14.7% | < 30 | 87.2% | 101.0% | 50 - 150 | |
| Phosmet | 0.000 | 0.396 | 0.415 | 0.400 | 4.7% | < 30 | 99.1% | 103.8% | 50 - 150 | |
| Piperonyl butoxide | 0.000 | 2.025 | 2.432 | 2.000 | 18.3% | < 30 | 101.2% | 121.6% | 50 - 150 | |
| Prallethrin | 0.000 | 0.301 | 0.282 | 0.400 | 6.4% | < 30 | 75.1% | 70.4% | 50 - 150 | |
| Propiconazole | 0.000 | 0.830 | 0.823 | 0.800 | 0.8% | < 30 | 103.7% | 102.9% | 50 - 150 | |
| Propoxur | 0.000 | 0.376 | 0.401 | 0.400 | 6.3% | < 30 | 94.0% | 100.2% | 50 - 150 | |
| Pyrethrins | 0.000 | 0.466 | 0.499 | 0.413 | 6.9% | < 30 | 112.9% | 120.9% | 50 - 150 | |
| Pyridaben | 0.000 | 0.212 | 0.206 | 0.400 | 2.8% | < 30 | 53.0% | 51.5% | 50 - 150 | |
| Spinosad | 0.000 | 0.398 | 0.397 | 0.388 | 0.3% | < 30 | 102.5% | 102.3% | 50 - 150 | |
| Spiromesifen | 0.000 | 0.397 | 0.373 | 0.400 | 6.2% | < 30 | 99.1% | 93.2% | 50 - 150 | |
| Spirotetramat | 0.000 | 0.414 | 0.405 | 0.400 | 2.1% | < 30 | 103.4% | 101.2% | 50 - 150 | |
| Spiroxamine | 0.000 | 0.792 | 0.765 | 0.800 | 3.6% | < 30 | 99.0% | 95.6% | 50 - 150 | |
| Tebuconazol | 0.000 | 0.792 | 0.813 | 0.800 | 2.6% | < 30 | 99.0% | 101.6% | 50 - 150 | |
| Thiadoprid | 0.000 | 0.390 | 0.394 | 0.400 | 1.0% | < 30 | 97.4% | 98.4% | 50 - 150 | |
| Thiamethoxam | 0.000 | 0.395 | 0.398 | 0.400 | 0.7% | < 30 | 98.8% | 99.5% | 50 - 150 | |
| Trifloxystrobin | 0.000 | 0.410 | 0.393 | 0.400 | 4.1% | < 30 | 102.4% | 98.3% | 50 - 150 | |



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Laboratory Pesticide Quality Control Results

| AOAC 2007.1 & EN 15662 | | Units: mg/Kg | | Batch ID: 2106667 | | | | |
|------------------------|--------------|---------------------------|-------|-------------------|-----------|-----------|------------|-------|
| Method Blank | | Laboratory Control Sample | | | | | | |
| Analyte | Blank Result | Blank Limits | Notes | LCS Result | LCS Spike | LCS % Rec | Limits | Notes |
| | 0.028 | < 0.250 | | 1.019 | 1.000 | 101.9 | 68.6 - 127 | |
| Acephate | 0.000 | < 1.000 | | 3.489 | 4.000 | 87.2 | 68.3 - 127 | |
| Acetamiprid | 0.000 | < 0.100 | | 0.398 | 0.400 | 99.6 | 69.8 - 130 | |
| Aldicarb | 0.000 | < 0.200 | | 0.775 | 0.800 | 96.9 | 71.8 - 133 | |
| Abamectin | 0.000 | < 0.250 | | 0.996 | 1.000 | 99.6 | 70.0 - 130 | |
| Azoxystrobin | 0.000 | < 0.100 | | 0.395 | 0.400 | 98.8 | 68.8 - 128 | |
| Bifenazate | 0.000 | < 0.100 | | 0.402 | 0.400 | 100.5 | 73.0 - 136 | |
| Bifenthrin | 0.000 | < 0.100 | | 0.391 | 0.400 | 97.8 | 69.0 - 128 | |
| Boscalid | 0.000 | < 0.200 | | 0.715 | 0.800 | 89.4 | 69.6 - 129 | |
| Carbaryl | 0.000 | < 0.100 | | 0.413 | 0.400 | 103.2 | 69.1 - 128 | |
| Carbofuran | 0.000 | < 0.100 | | 0.357 | 0.400 | 89.2 | 70.1 - 130 | |
| Chlorantraniliprol | 0.000 | < 0.100 | | 0.368 | 0.400 | 92.0 | 70.4 - 131 | |
| Chlorfenapyr | 0.000 | < 0.500 | | 1.870 | 2.000 | 93.5 | 69.4 - 129 | |
| Chlorpyrifos | 0.000 | < 0.100 | | 0.380 | 0.400 | 95.1 | 68.3 - 127 | |
| Clofentezine | 0.000 | < 0.100 | | 0.393 | 0.400 | 98.3 | 69.3 - 129 | |
| Cyfluthrin | 0.000 | < 0.500 | | 2.043 | 2.000 | 102.2 | 70.1 - 130 | |
| Cypermethrin | 0.000 | < 0.500 | | 1.916 | 2.000 | 95.8 | 69.9 - 130 | |
| Daminozide | 0.042 | < 0.500 | | 2.003 | 2.000 | 100.1 | 70.9 - 132 | |
| Diazinon | 0.000 | < 0.100 | | 0.397 | 0.400 | 99.2 | 69.1 - 128 | |
| Dichlorvos | 0.000 | < 0.500 | | 2.002 | 2.000 | 100.1 | 67.3 - 125 | |
| Dimethoat | 0.000 | < 0.100 | | 0.393 | 0.400 | 98.3 | 69.7 - 129 | |
| Ethoprophos | 0.000 | < 0.100 | | 0.387 | 0.400 | 96.8 | 68.7 - 128 | |
| Etofenprox | 0.000 | < 0.200 | | 1.164 | 0.800 | 145.5 | 69.5 - 129 | Q1 |
| Etoxazol | 0.000 | < 0.100 | | 0.395 | 0.400 | 98.8 | 68.6 - 127 | |
| Fenoxycarb | 0.000 | < 0.100 | | 0.392 | 0.400 | 97.9 | 69.1 - 128 | |
| Fenpyroximat | 0.000 | < 0.200 | | 0.826 | 0.800 | 103.2 | 69.3 - 129 | |
| Fipronil | 0.000 | < 0.200 | | 0.775 | 0.800 | 96.9 | 71.0 - 132 | |
| Flonicamid | 0.000 | < 0.250 | | 0.969 | 1.000 | 96.9 | 69.6 - 129 | |
| Fludoxonil | 0.000 | < 0.200 | | 0.764 | 0.800 | 95.4 | 71.1 - 132 | |
| Hexythiazox | 0.000 | < 0.250 | | 0.985 | 1.000 | 98.5 | 68.1 - 126 | |
| Imazalil | 0.000 | < 0.100 | | 0.407 | 0.400 | 101.8 | 71.4 - 133 | |
| Imidacloprid | 0.000 | < 0.200 | | 0.807 | 0.800 | 100.9 | 68.6 - 127 | |
| Kresoxim-Methyl | 0.000 | < 0.200 | | 0.824 | 0.800 | 103.0 | 69.2 - 128 | |
| Malathion | 0.000 | < 0.100 | | 0.385 | 0.400 | 96.2 | 68.7 - 128 | |
| Metaxalyl | 0.000 | < 0.100 | | 0.414 | 0.400 | 103.4 | 69.3 - 129 | |
| Methiocarb | 0.000 | < 0.100 | | 0.375 | 0.400 | 93.8 | 69.2 - 128 | |
| Methomyl | 0.000 | < 0.200 | | 0.793 | 0.800 | 99.1 | 69.3 - 129 | |
| MGK 264 | 0.000 | < 0.100 | | 0.390 | 0.400 | 97.5 | 68.6 - 127 | |
| Myclobutanil | 0.000 | < 0.100 | | 0.413 | 0.400 | 103.2 | 69.1 - 128 | |
| Naled | 0.000 | < 0.250 | | 0.988 | 1.000 | 98.8 | 70.7 - 131 | |
| Oxamyl | 0.000 | < 0.500 | | 1.941 | 2.000 | 97.1 | 70.0 - 130 | |
| Paclobutrazol | 0.000 | < 0.200 | | 0.816 | 0.800 | 102.0 | 69.7 - 130 | |
| Parathion Methyl | 0.000 | < 0.200 | | 0.867 | 0.800 | 108.4 | 70.7 - 131 | |
| Permethrin | 0.000 | < 0.100 | | 0.339 | 0.400 | 84.8 | 69.0 - 128 | |
| Phosmet | 0.000 | < 0.100 | | 0.409 | 0.400 | 102.3 | 68.8 - 128 | |
| Piperonyl butoxide | 0.000 | < 0.500 | | 1.946 | 2.000 | 97.3 | 69.2 - 128 | |
| Prallethrin | 0.000 | < 0.100 | | 0.381 | 0.400 | 95.2 | 69.8 - 130 | |
| Propiconazole | 0.000 | < 0.200 | | 0.812 | 0.800 | 101.5 | 69.3 - 129 | |
| Propoxur | 0.000 | < 0.100 | | 0.389 | 0.400 | 97.3 | 68.7 - 128 | |
| Pyrethrins | 0.000 | < 0.100 | | 0.431 | 0.413 | 104.4 | 67.5 - 125 | |
| Pyridaben | 0.000 | < 0.100 | | 0.388 | 0.400 | 96.9 | 68.6 - 127 | |
| Spinosad | 0.000 | < 0.100 | | 0.394 | 0.388 | 101.4 | 72.0 - 134 | |
| Spiromesifen | 0.000 | < 0.100 | | 0.403 | 0.400 | 100.8 | 69.9 - 130 | |
| Spirotetramat | 0.000 | < 0.100 | | 0.398 | 0.400 | 99.5 | 69.3 - 129 | |
| Spiroxamine | 0.000 | < 0.200 | | 0.772 | 0.800 | 96.5 | 67.7 - 126 | |
| Tebuconazol | 0.000 | < 0.200 | | 0.766 | 0.800 | 95.8 | 69.4 - 129 | |
| Thiadoprid | 0.000 | < 0.100 | | 0.401 | 0.400 | 100.2 | 68.6 - 127 | |
| Thiamethoxam | 0.000 | < 0.100 | | 0.372 | 0.400 | 93.0 | 69.2 - 129 | |
| Trifloxystrobin | 0.000 | < 0.100 | | 0.380 | 0.400 | 95.1 | 69.0 - 128 | |



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Terpenes Quality Control Results

| Method Reference: EPA 5035 | | | | Batch ID: 2106687 | | | | | |
|----------------------------|--------|-------|-------|---------------------------|-----|-------|-----------|----------|-------|
| Method Blank | | | | Laboratory Control Sample | | | | | |
| Analyte | Result | LOQ | Notes | Result | LCS | Units | LCS % Rec | Limits | Notes |
| a-pinene | <LOQ | < 200 | | 611 | 500 | µg/g | 122% | 70 - 130 | |
| Camphene | <LOQ | < 200 | | 501 | 500 | µg/g | 100% | 70 - 130 | |
| Sabinene | <LOQ | < 200 | | 489 | 500 | µg/g | 98% | 70 - 130 | |
| b-Pinene | <LOQ | < 200 | | 468 | 500 | µg/g | 94% | 70 - 130 | |
| b-Myrcene | <LOQ | < 200 | | 508 | 500 | µg/g | 102% | 70 - 130 | |
| a-phellandrene | <LOQ | < 200 | | 575 | 500 | µg/g | 115% | 70 - 130 | |
| d-3-Carene | <LOQ | < 200 | | 564 | 500 | µg/g | 113% | 70 - 130 | |
| a-Terpinene | <LOQ | < 200 | | 495 | 500 | µg/g | 99% | 70 - 130 | |
| p-Cymene | <LOQ | < 200 | | 510 | 500 | µg/g | 102% | 70 - 130 | |
| D-Limonene | <LOQ | < 200 | | 450 | 500 | µg/g | 90% | 70 - 130 | |
| Eucalyptol | <LOQ | < 200 | | 513 | 500 | µg/g | 103% | 70 - 130 | |
| b-cis-Ocimene | <LOQ | < 67 | | 172 | 167 | µg/g | 103% | 70 - 130 | |
| b-trans-Ocimene | <LOQ | < 133 | | 351 | 333 | µg/g | 105% | 70 - 130 | |
| g-Terpinene | <LOQ | < 200 | | 462 | 500 | µg/g | 92% | 70 - 130 | |
| Sabinene_Hydrate | <LOQ | < 200 | | 492 | 500 | µg/g | 98% | 70 - 130 | |
| Terpinolene | <LOQ | < 200 | | 420 | 500 | µg/g | 84% | 70 - 130 | |
| D-Fenchone | <LOQ | < 200 | | 478 | 500 | µg/g | 96% | 70 - 130 | |
| Linalool | <LOQ | < 200 | | 525 | 500 | µg/g | 105% | 70 - 130 | |
| Fenchol | <LOQ | < 200 | | 509 | 500 | µg/g | 102% | 70 - 130 | |
| Camphor | <LOQ | < 200 | | 478 | 500 | µg/g | 96% | 70 - 130 | |
| Isopulego | <LOQ | < 200 | | 475 | 500 | µg/g | 95% | 70 - 130 | |
| Isoborneol | <LOQ | < 200 | | 479 | 500 | µg/g | 96% | 70 - 130 | |
| Borneol | <LOQ | < 200 | | 506 | 500 | µg/g | 101% | 70 - 130 | |
| DL-Menthol | <LOQ | < 200 | | 498 | 500 | µg/g | 100% | 70 - 130 | |
| Terpineol | <LOQ | < 200 | | 456 | 500 | µg/g | 91% | 70 - 130 | |
| Nerol | <LOQ | < 200 | | 480 | 500 | µg/g | 96% | 70 - 130 | |
| Pulegone | <LOQ | < 200 | | 646 | 500 | µg/g | 129% | 70 - 130 | |
| Geraniol | <LOQ | < 200 | | 507 | 500 | µg/g | 101% | 70 - 130 | |
| Geranyl_Acetate | <LOQ | < 200 | | 487 | 500 | µg/g | 97% | 70 - 130 | |
| a-Cedrene | <LOQ | < 200 | | 535 | 500 | µg/g | 107% | 70 - 130 | |
| b-Caryophyllene | <LOQ | < 200 | | 390 | 500 | µg/g | 78% | 70 - 130 | |
| a-Humulene | <LOQ | < 200 | | 515 | 500 | µg/g | 103% | 70 - 130 | |
| Valenene | <LOQ | < 200 | | 402 | 500 | µg/g | 80% | 70 - 130 | |
| cis-Nerolidol | <LOQ | < 200 | | 523 | 500 | µg/g | 105% | 70 - 130 | |
| a-Farnesene | <LOQ | < 200 | | 540 | 500 | µg/g | 108% | 70 - 130 | |
| trans-Nerolidol | <LOQ | < 200 | | 505 | 500 | µg/g | 101% | 70 - 130 | |
| Caryophyllene_Oxide | <LOQ | < 200 | | 546 | 500 | µg/g | 109% | 70 - 130 | |
| Guaiol | <LOQ | < 200 | | 565 | 500 | µg/g | 113% | 70 - 130 | |
| Cedrol | <LOQ | < 200 | | 470 | 500 | µg/g | 94% | 70 - 130 | |
| a-Bisabolol | <LOQ | < 200 | | 513 | 500 | µg/g | 103% | 70 - 130 | |

Definitions

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



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Terpenes Quality Control Results

| Method Reference: EPA 5035 | | Batch ID: 2106687 | | | | | |
|----------------------------|--------|---------------------------|------|-------|-------|-------|-------|
| Sample/Sample Duplicate | | Sample ID: 21-008292-0001 | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | % RPD | LIMIT | Notes |
| a-pinene | 399 | 388 | 188 | µg/g | 3% | < 20 | |
| Camphene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Sabinene | 341 | 349 | 188 | µg/g | 2% | < 20 | |
| b-Pinene | 244 | 244 | 188 | µg/g | 0% | < 20 | |
| b-Myrcene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| a-phellandrene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| d-3-Carene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| a-Terpinene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| p-Cymene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| D-Limonene | 403 | 462 | 188 | µg/g | 14% | < 20 | |
| Eucalyptol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| b-cis-Ocimene | 577 | 614 | 62.7 | µg/g | 6% | < 20 | |
| b-trans-Ocimene | 248 | 272 | 125 | µg/g | 9% | < 20 | |
| g-Terpinene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Sabinene_Hydrate | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Terpinolene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| D-Fenchone | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Linalool | 3610 | 3610 | 188 | µg/g | 0% | < 20 | |
| Fenchol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Camphor | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Isopulego | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Isoborneol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Borneol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| DL-Menthol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Terpineol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Nerol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Pulegone | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Geraniol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Geranyl_Acetate | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| a-Cedrene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| b-Caryophyllene | 1260 | 1260 | 188 | µg/g | 0% | < 20 | |
| a-Humulene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Valenene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| cis-Nerolidol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| a-Farnesene | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| trans-Nerolidol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Caryophyllene_Oxide | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Guaiol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| Cedrol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |
| a-Bisabolol | <LOQ | <LOQ | 188 | µg/g | 0% | < 20 | |

Definitions

RPD Relative Percent Difference



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Report Number: 21-008392/D008.R000
Report Date: 07/30/2021
ORELAP#: OR100028
Purchase Order:
Received: 07/22/21 15:42

Explanation of QC Flag Comments:

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