


Professional Testing Labs, Inc

4918 Crater Lake Ave.

Medford, OR 97504

(541) 816-4166

OLCC# 10156338460

Certificate of Analysis

For OLCC/OHA regulatory compliance

Date: 09/1/2023

Reign Man

| | | | |
|----------------------------|----------------------------|--------------------|------------------|
| Sample Type: | Client: | Lab Sample ID: | Sampling Method: |
| Metric Batch ID: | Grower License #: | Testing Performed: | Harvest Date: |
| Date Received: 08 /24/2023 | Comments and Descriptions: | | |

Cannabinoid Analysis

| Date: 07/28/2023 | Batch: PO230724e | Analyst(s): JS,JT | Method: SOP 041 |
|---------------------------|------------------|---|-----------------|
| Analyte | % Dry Weight | LOQ (%) | Notes |
| CBDA | 0.146 | 0.076 | |
| CBD | <LOQ | 0.076 | |
| THC | . 3 3 1 | 0.076 | |
| THCA | 26 . 3 3 4 | 0.076 | |
| CBDV | <LOQ | 0.076 | |
| CBGA | 0.770 | 0.076 | |
| CBG | 0.113 | 0.076 | |
| THCV | 0.100 | 0.076 | |
| CBN | 0.208 | 0.076 | |
| Δ8-THC | <LOQ | 0.076 | |
| Δ10-THC | <LOQ | 0.076 | |
| CBC | 0.142 | 0.076 | |
| CBCA | 0.197 | 0.076 | |
| Total CBD | 0.128 | (CBDA*0.877)+CBD= Total CBD | |
| Total THC | 24.151 | (THCA*0.877)+THC= Total THC | |
| Total Minors | 1.530 | SUM% of Minor Cannabinoids | |
| Total Cannabinoids | 28.451 | Sum % Cannabinoids = Total Cannabinoids | |

Moisture Content - PASS

Date: 08/27/2023

Analyst:

Method:

Moisture Content (%): 5.910

Water Activity - PASS

Date: 08/27/2023

Analyst:

Method:

Water Activity (aw): 0.376

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and Δ8-THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight. Oregon water activity action level is 0.65aw and moisture content action level is 15%. Shown values have been rounded to 3 decimal digits, whereas calculations are performed with all available digits. LOQ Values based on LOQ study available upon request. This report shall not be reproduced, unless in its entirety, without approval from Professional Testing Labs, Inc. Test results relate only to the sample material analyzed. Results valid for 1 year after test date.


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Cannabinoid Analysis - Blank (230724e_BMX) - Pass

| Date: 08/28/2023 | | Batch: | | Prep Analyst: | Data Analyst: | SOP: |
|------------------|--------------|---------|-----------------|---------------|---------------|------|
| Analyte | % Dry Weight | LOQ (%) | Recovery Limits | Notes | | |
| CBDA | <LOQ | 0.05 | <LOQ | | | |
| CBD | <LOQ | 0.05 | <LOQ | | | |
| THC | <LOQ | 0.05 | <LOQ | | | |
| THCA | <LOQ | 0.05 | <LOQ | | | |
| Δ8 THC | <LOQ | 0.05 | <LOQ | | | |

Cannabinoid Analysis - LCS (230724e_LCS) - Pass

| Date: 08/28/2023 | | Batch: | | Prep Analyst: | Data Analyst: | SOP: |
|------------------|------------|---------|-----------------|---------------|---------------|------|
| Analyte | % Recovery | LOQ (%) | Recovery Limits | Notes | | |
| CBDA | 99.31 | 0.05 | 90-110% | | | |
| CBD | 100.062 | 0.05 | 90-110% | | | |
| THC | 100.141 | 0.05 | 90-110% | | | |
| THCA | 99.967 | 0.05 | 90-110% | | | |
| Δ8 THC | 99.295 | 0.05 | 90-110% | | | |

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Total THC and Total CBD are calculated in accordance with Oregon reporting requirement (OAR 333-064-0100). For cannabinoid analysis, only CBDA, CBD, THC, THCA, and Δ8-THC are ORELAP accredited analytes. Cannabinoid values reported for plant matter are corrected for dry weight.

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Report Date: 9 /1/2023

Pesticide Analysis - (230724e_5) - Pass

| Date: 08 /28/2023 | | Batch: | | Prep Analyst: | | Data Analyst: | | SOP: |
|---------------------|--------------|--------------|-----------|--------------------------|--------------|---------------|-----------|------|
| Analyte | Result (ppm) | Action Level | LOQ (ppm) | Analyte | Result (ppm) | Action Level | LOQ (ppm) | |
| Abamectin | <LOQ | 0.5 | 0.25 | Imazalil | <LOQ | 0.2 | 0.1 | |
| Acephate | <LOQ | 0.4 | 0.2 | Imidacloprid | <LOQ | 0.4 | 0.2 | |
| Acequinocyl | <LOQ | 2.0 | 1.0 | Kresoxim-Methyl | <LOQ | 0.4 | 0.2 | |
| Acetamiprid | <LOQ | 0.2 | 0.1 | MGK-264 | <LOQ | 0.2 | 0.1 | |
| Aldicarb | <LOQ | 0.4 | 0.2 | Malathion | <LOQ | 0.2 | 0.1 | |
| Azoxystrobin | <LOQ | 0.2 | 0.1 | Metalaxyl | <LOQ | 0.2 | 0.1 | |
| Bifenazate | <LOQ | 0.2 | 0.1 | Methiocarb | <LOQ | 0.4 | 0.2 | |
| Bifenthrin | <LOQ | 0.2 | 0.1 | Methomyl | <LOQ | 0.2 | 0.1 | |
| Boscalid | <LOQ | 0.4 | 0.2 | Methyl Parathion | <LOQ | 0.2 | 0.1 | |
| Carbaryl | <LOQ | 0.2 | 0.1 | Myclobutanil | <LOQ | 0.2 | 0.1 | |
| Carbofuran | <LOQ | 0.2 | 0.1 | Naled | <LOQ | 0.5 | 0.25 | |
| Chlorantraniliprole | <LOQ | 0.2 | 0.1 | Oxamyl | <LOQ | 1.0 | 0.5 | |
| Chlorfenapyr | <LOQ | 1.0 | 0.5 | Paclobutrazol | <LOQ | 0.4 | 0.2 | |
| Chlorpyrifos | <LOQ | 0.2 | 0.1 | Permethrins ¹ | <LOQ | 0.2 | 0.1 | |
| Clofentezine | <LOQ | 0.2 | 0.1 | Phosmet | <LOQ | 0.2 | 0.1 | |
| Cyfluthrin | <LOQ | 1.0 | 0.5 | Piperonyl Butoxide | <LOQ | 2.0 | 1.0 | |
| Cypermethrin | <LOQ | 1.0 | 0.5 | Prallethrin | <LOQ | 0.2 | 0.1 | |
| Daminozide | <LOQ | 1.0 | 0.5 | Propiconazole | <LOQ | 0.4 | 0.2 | |
| Diazinon | <LOQ | 0.2 | 0.1 | Propoxur | <LOQ | 0.2 | 0.1 | |
| Dichlorvos | <LOQ | 1.0 | 0.5 | Pyrethrins ² | <LOQ | 1.0 | 0.5 | |
| Dimethoate | <LOQ | 0.2 | 0.1 | Pyridaben | <LOQ | 0.2 | 0.1 | |
| Ethoprophos | <LOQ | 0.2 | 0.1 | Spinosad ³ | <LOQ | 0.2 | 0.1 | |
| Etofenprox | <LOQ | 0.4 | 0.2 | Spiromesifen | <LOQ | 0.2 | 0.1 | |
| Etoxazole | <LOQ | 0.2 | 0.1 | Spirotetramat | <LOQ | 0.2 | 0.1 | |
| Fenoxycarb | <LOQ | 0.2 | 0.1 | Spiroxamine | <LOQ | 0.4 | 0.2 | |
| Fenpyroximate | <LOQ | 0.4 | 0.2 | Tebuconazole | <LOQ | 0.4 | 0.2 | |
| Fipronil | <LOQ | 0.4 | 0.2 | Thiacloprid | <LOQ | 0.2 | 0.1 | |
| Flonicamid | <LOQ | 1.0 | 0.5 | Thiamethoxam | <LOQ | 0.2 | 0.1 | |
| Fludioxonil | <LOQ | 0.4 | 0.2 | Trifloxystrobin | <LOQ | 0.2 | 0.1 | |
| Hexythiazox | <LOQ | 1.0 | 0.5 | | | | | |

¹ Permethrins are measured as the cumulative residues of cis and trans isomers.
² Pyrethrins are measured as the cumulative residues of pyrethrin 1, cinerin 1, and jamolin 1.
³ Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.


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Report Date: 09 /1/2023

Pesticide Analysis - Quality Controls

Blank (230724e_MBX) and LCS (230724e_LCS)- Pass

| Date: 08 /28/2023 | | Batch: | | | Prep Analyst: | | Data Analyst: | | | SOP: |
|---------------------|-------------|----------------|---------------------|-----------|--------------------------|-------------|----------------|---------------------|-----------|------|
| Analyte | Blank (ppm) | LCS % Recovery | Recovery Limits (%) | LOQ (ppm) | Analyte | Blank (ppm) | LCS % Recovery | Recovery Limits (%) | LOQ (ppm) | |
| Abamectin | <LOQ | 105.41 | 50-150 | 0.25 | Imazalil | <LOQ | 76.08 | 60-120 | 0.1 | |
| Acephate | <LOQ | 100.48 | 60-120 | 0.2 | Imidacloprid | <LOQ | 113.67 | 60-120 | 0.2 | |
| Acequinocyl | <LOQ | 80.79 | 40-160 | 1.0 | Kresoxim-methyl | <LOQ | 83.59 | 60-120 | 0.2 | |
| Acetamiprid | <LOQ | 93.9 | 60-120 | 0.1 | MKG-264 | <LOQ | 64.81 | 50-150 | 0.1 | |
| Aldicarb | <LOQ | 90.29 | 60-120 | 0.2 | Malathion | <LOQ | 83.6 | 60-120 | 0.1 | |
| Azoxystrobin | <LOQ | 86.03 | 60-120 | 0.1 | Metalaxyl | <LOQ | 87.45 | 60-120 | 0.1 | |
| Bifenazate | <LOQ | 104.05 | 60-120 | 0.1 | Methiocarb | <LOQ | 85.37 | 60-120 | 0.2 | |
| Bifenthrin | <LOQ | 117.92 | 50-150 | 0.1 | Methomyl | <LOQ | 81.7 | 60-120 | 0.1 | |
| Boscalid | <LOQ | 132.76 | 60-120 | 0.2 | Methyl Parathion | <LOQ | 94.15 | 50-150 | 0.1 | |
| Carbaryl | <LOQ | 92.32 | 60-120 | 0.1 | Myclobutanil | <LOQ | 112.26 | 60-120 | 0.1 | |
| Carbofuran | <LOQ | 87.88 | 60-120 | 0.1 | Naled | <LOQ | 74.69 | 50-150 | 0.25 | |
| Chlorantraniliprole | <LOQ | 93.26 | 60-120 | 0.1 | Oxamyl | <LOQ | 101.93 | 60-120 | 0.5 | |
| Chlorfenapyr | <LOQ | 99.48 | 60-120 | 0.1 | Paclobutrazol | <LOQ | 110.11 | 60-120 | 0.2 | |
| Chlorpyrifos | <LOQ | 97.01 | 60-120 | 0.5 | Permethrins ¹ | <LOQ | 93.75 | 50-150 | 0.1 | |
| Clofentezine | <LOQ | 115.64 | 60-120 | 0.1 | Phosmet | <LOQ | 102.83 | 50-150 | 0.1 | |
| Cyfluthrin | <LOQ | 52.05 | 50-150 | 0.5 | Piperonyl butoxide | <LOQ | 63.87 | 60-120 | 1.0 | |
| Cypermethrin | <LOQ | 111.16 | 50-150 | 0.5 | Prallethrin | <LOQ | 90.64 | 60-120 | 0.1 | |
| Daminozide | <LOQ | 88.9 | 60-120 | 0.5 | Propiconazole | <LOQ | 111.38 | 60-120 | 0.2 | |
| Diazinon | <LOQ | 72.22 | 60-120 | 0.5 | Propoxur | <LOQ | 86.2 | 60-120 | 0.1 | |
| Dichlorvos | <LOQ | 103.07 | 60-120 | 0.1 | Pyrethrins ² | <LOQ | 66.75 | 60-120 | 0.5 | |
| Dimethoate | <LOQ | 118.22 | 60-120 | 0.1 | Pyridaben | <LOQ | 86.68 | 50-150 | 0.1 | |
| Ethoprophos | <LOQ | 93.08 | 60-120 | 0.1 | Spinosad ³ | <LOQ | 94.08 | 50-150 | 0.1 | |
| Etofenprox | <LOQ | 113.86 | 50-150 | 0.2 | Spiromesifen | <LOQ | 89.34 | 60-120 | 0.1 | |
| Etoazole | <LOQ | 72.79 | 60-120 | 0.1 | Spirotetramat | <LOQ | 137.31 | 60-120 | 0.1 | |
| Fenoxycarb | <LOQ | 66.42 | 60-120 | 0.1 | Spiroxamine | <LOQ | 75.68 | 60-120 | 0.2 | |
| Fenpyroximate | <LOQ | 104.86 | 60-120 | 0.2 | Tebuconazole | <LOQ | 127.48 | 60-120 | 0.2 | |
| Fipronil | <LOQ | 68.26 | 60-120 | 0.2 | Thiacloprid | <LOQ | 98.48 | 60-120 | 0.1 | |
| Fonicamid | <LOQ | 117.04 | 60-120 | 0.5 | Thiamethoxam | <LOQ | 115.27 | 60-120 | 0.1 | |
| Fludioxonil | <LOQ | 78.18 | 50-150 | 0.2 | Trifloxystrobin | <LOQ | 78.48 | 60-120 | 0.1 | |
| Hexythiazox | <LOQ | 88.24 | 60-120 | 0.5 | | | | | | |

¹ Permethrins are measured as the cumulative residues of cis and trans isomers.

² Pyrethrins are measured as the cumulative residues of pyrethrin 1, cinerin 1, and jamaolin 1.

³ Spinosad is calculated as a sum of isomers Spinosad A and Spinosad D.


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Report Date: 09 / 10/2023

Mycotoxin Analysis - (230724e) - Pass

| Date: 08 / 28 / 2023 | | Batch: | | Prep Analyst: | Data Analyst: | SOP: |
|----------------------|--------------|-----------|--------------|---------------|---------------|------|
| Analyte | Result (ppb) | LOQ (ppb) | Action Level | Notes | | |
| Aflatoxin B1 | <LOQ | 10 | Cumulative | | | |
| Aflatoxin B2 | <LOQ | 10 | Cumulative | | | |
| Aflatoxin G1 | <LOQ | 10 | Cumulative | | | |
| Aflatoxin G2 | <LOQ | 10 | Cumulative | | | |
| Total Aflatoxins | <LOQ | 10 | 20 | | | |
| Ochratoxin | <LOQ | 10 | 20 | | | |

Mycotoxin Analysis - Blank (230724e)

| Analyte | Result (ppb) | LOQ (ppb) | Recovery Limit | Notes | |
|------------------|--------------|-----------|----------------|-------|--|
| Aflatoxin B1 | <LOQ | 10 | <LOQ | | |
| Aflatoxin B2 | <LOQ | 10 | <LOQ | | |
| Aflatoxin G1 | <LOQ | 10 | <LOQ | | |
| Aflatoxin G2 | <LOQ | 10 | <LOQ | | |
| Total Aflatoxins | <LOQ | 10 | <LOQ | | |
| Ochratoxin | <LOQ | 10 | <LOQ | | |

Mycotoxin Analysis - LCS (230724e_LCS)

| Analyte | Recovery (%) | LOQ (ppb) | Recovery Limits | Notes | |
|--------------|--------------|-----------|-----------------|-------|--|
| Aflatoxin B1 | 101.55 | 10 | 60-120% | | |
| Aflatoxin B2 | 105.6 | 10 | 60-120% | | |
| Aflatoxin G1 | 91.5 | 10 | 60-120% | | |
| Aflatoxin G2 | 103.25 | 10 | 60-120% | | |
| Ochratoxin | 98.4 | 10 | 60-120% | | |

LOQ = Limit of Quantitation, ND = Not Detected NT = Not Tested. Aflatoxins are measured as the cumulative sum of B1, B2, G1, and G2 isomers.

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Notes: AL-LCS: Boscalid, Spirotetramat, and Tebuconazole above LCS recovery limit. No detections of analytes in samples.

END OF REPORT

Approved by/date:


Elijah Ballantyne
Technical Director
09 / 02 2023