

The Prime Leaf  
4220 E Speedway  
Tucson, AZ 85712  
(520) 272-8455  
Lic#: 00000039DCVR00320237

Sample: S407014-08  
CC ID#: 2407C4L0013.1890  
Lot#: 04152024F1R1TCROS  
Batch#: 04152024F1R1TCROS  
Batch Size: N/A  
Manufacture Date: 06/06/2024  
Harvest Date: 04/15/2024

**FINAL**

Sample Name: 04152024F1R1TCROS  
Strain Name: Trop Cherry  
Matrix: Concentrates\_Extracts  
Amount Received: 66.0889 g

Sample Collected: 06/27/2024 11:13  
Sample Received: 07/05/2024 16:57  
Report Created: 07/10/2024 18:05

**SAFETY**



|                                      |   |                                      |                                      |
|--------------------------------------|---|--------------------------------------|--------------------------------------|
| <b>Microbials</b><br><br><b>PASS</b> | <b>Residual Solvents</b><br><br><b>PASS</b> | <b>Mycotoxins</b><br><br><b>PASS</b> | <b>Pesticides</b><br><br><b>PASS</b> |
| <b>Metals</b><br><br><b>PASS</b>     |   |                                      |                                      |

**Terpenes**

**Total Terpenes (Q3)**

**Cannabinoid Results**

|   |                                  |                                    |  |
|---|----------------------------------|------------------------------------|--|
| <b>74.0%</b><br><b>Sum of Cannabinoids (Q3)</b> | <b>64.9%</b><br><b>Total THC</b> | <b>&lt;LOQ</b><br><b>Total CBD</b> | <b>RATIO</b><br><b>1 : 0</b><br><b>THC : CBD</b> |
|---|----------------------------------|------------------------------------|--|

Total THC= THCA \* 0.877 + d9-THC  
Total CBD= CBDA \* 0.877 + CBD

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**Cannabinoids by HPLC-DAD - Compliance**

Date Analyzed: 07/09/2024 Analyst Initials: DRF SOP: C4-SOP-CHEM-003

| Analyte             | LOQ  | Result | Result | Qualifier |
|---------------------|------|--------|--------|-----------|
|                     | %    | %      | mg/g   |           |
| THCA                | 1.54 | 74.0   | 740    |           |
| d9-THC              | 1.54 | <LOQ   | < LOQ  |           |
| d8-THC              | 1.54 | <LOQ   | < LOQ  |           |
| CBDA                | 1.54 | <LOQ   | < LOQ  |           |
| CBD                 | 1.54 | <LOQ   | < LOQ  |           |
| CBG                 | 1.54 | <LOQ   | < LOQ  |           |
| CBN                 | 1.54 | <LOQ   | < LOQ  |           |
| CBC                 | 1.54 | <LOQ   | < LOQ  |           |
| Sum of Cannabinoids | 1.54 | 74.0   | 740    | Q3        |
| Total THC           | 1.54 | 64.9   | 649    |           |
| Total CBD           | 1.54 | <LOQ   | < LOQ  |           |
| Total Cannabinoids  | 1.54 | 64.9   | 649    | Q3        |

Total THC= THCA \* 0.877 + d9-THC. Total CBD= CBDA \* 0.877 + CBD.

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**Pesticides by LC/MS/MS - Compliance**

**Pass**

Date Analyzed: 07/10/2024 Analyst Initials: JCB SOP: C4-SOP-CHEM-006

| Analyte             | LOQ   | Limit | Result | Qualifier | Status | Analyte            | LOQ   | Limit | Result | Qualifier | Status |
|---------------------|-------|-------|--------|-----------|--------|--------------------|-------|-------|--------|-----------|--------|
|                     | ppm   | ppm   | ppm    |           |        |                    | ppm   | ppm   | ppm    |           |        |
| Abamectin           | 0.122 | 0.5   | <LOQ   | L1        | Pass   | Imazalil           | 0.101 | 0.2   | <LOQ   |           | Pass   |
| Acephate            | 0.101 | 0.4   | <LOQ   |           | Pass   | Imidacloprid       | 0.101 | 0.4   | <LOQ   |           | Pass   |
| Acetamiprid         | 0.051 | 0.2   | <LOQ   |           | Pass   | Kresoxim-methyl    | 0.101 | 0.4   | <LOQ   |           | Pass   |
| Aldicarb            | 0.101 | 0.4   | <LOQ   |           | Pass   | Malathion          | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Azoxystrobin        | 0.051 | 0.2   | <LOQ   |           | Pass   | Metaxyl            | 0.101 | 0.2   | <LOQ   |           | Pass   |
| Bifenazate          | 0.051 | 0.2   | <LOQ   |           | Pass   | Methiocarb         | 0.051 | 0.2   | <LOQ   | R1        | Pass   |
| Bifenthrin          | 0.051 | 0.2   | <LOQ   |           | Pass   | Methomyl           | 0.101 | 0.4   | <LOQ   | V1        | Pass   |
| Boscalid            | 0.101 | 0.4   | <LOQ   |           | Pass   | Myclobutanil       | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Carbaryl            | 0.051 | 0.2   | <LOQ   |           | Pass   | Naled              | 0.127 | 0.5   | <LOQ   |           | Pass   |
| Carbofuran          | 0.051 | 0.2   | <LOQ   |           | Pass   | Oxamyl             | 0.253 | 1.0   | <LOQ   |           | Pass   |
| Chlorantraniliprole | 0.051 | 0.2   | <LOQ   |           | Pass   | Paclobutrazol      | 0.101 | 0.4   | <LOQ   |           | Pass   |
| Chlorfenapyr        | 0.506 | 1.0   | <LOQ   | V1        | Pass   | Permethrins        | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Chlorpyrifos        | 0.051 | 0.2   | <LOQ   |           | Pass   | Phosmet            | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Clofentezine        | 0.051 | 0.2   | <LOQ   |           | Pass   | Piperonyl butoxide | 0.506 | 2.0   | <LOQ   |           | Pass   |
| Cyfluthrin          | 0.506 | 1.0   | <LOQ   | I1        | Pass   | Prallethrin        | 0.101 | 0.2   | <LOQ   |           | Pass   |
| Cypermethrin        | 0.253 | 1.0   | <LOQ   |           | Pass   | Propiconazole      | 0.101 | 0.4   | <LOQ   |           | Pass   |
| Daminozide          | 0.506 | 1.0   | <LOQ   |           | Pass   | Propoxur           | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Diazinon            | 0.051 | 0.2   | <LOQ   |           | Pass   | Pyrethrins         | 0.283 | 1.0   | <LOQ   |           | Pass   |
| Dichlorvos          | 0.051 | 0.1   | <LOQ   | I1        | Pass   | Pyridaben          | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Dimethoate          | 0.051 | 0.2   | <LOQ   |           | Pass   | Spinosad           | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Ethoprophos         | 0.051 | 0.2   | <LOQ   |           | Pass   | Spiromesifen       | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Etofenprox          | 0.101 | 0.4   | <LOQ   |           | Pass   | Spirotetramat      | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Etoxazole           | 0.051 | 0.2   | <LOQ   |           | Pass   | Spiroxamine        | 0.101 | 0.4   | <LOQ   |           | Pass   |
| Fenoxycarb          | 0.051 | 0.2   | <LOQ   | V1        | Pass   | Tebuconazole       | 0.101 | 0.4   | <LOQ   |           | Pass   |
| Fenpyroximate       | 0.101 | 0.4   | <LOQ   |           | Pass   | Thiacloprid        | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Fipronil            | 0.101 | 0.4   | <LOQ   | V1        | Pass   | Thiamethoxam       | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Fonicamid           | 0.253 | 1.0   | <LOQ   |           | Pass   | Trifloxystrobin    | 0.051 | 0.2   | <LOQ   |           | Pass   |
| Fludioxonil         | 0.101 | 0.4   | <LOQ   |           | Pass   |                    |       |       |        |           |        |
| Hexythiazox         | 0.253 | 1.0   | <LOQ   |           | Pass   |                    |       |       |        |           |        |

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**Metals by ICP-MS - Compliance** **Pass**

Date Analyzed: 07/09/2024 Analyst Initials: JEK SOP: C4-SOP-CHEM-008

| Analyte | LOQ   | Limit | Result | Qualifier | Status |
|---------|-------|-------|--------|-----------|--------|
|         | ppm   | ppm   | ppm    |           |        |
| Arsenic | 0.099 | 0.4   | <LOQ   |           | Pass   |
| Cadmium | 0.099 | 0.4   | <LOQ   |           | Pass   |
| Lead    | 0.398 | 1.0   | <LOQ   |           | Pass   |
| Mercury | 0.040 | 0.2   | <LOQ   |           | Pass   |

**Mycotoxins by ELISA- Compliance** **Pass**

Date Analyzed: 07/10/2024 Analyst Initials: DHV SOP: C4-SOP-MICRO-014

| Analyte          | LOQ  | Limit | Result | Qualifier | Status |
|------------------|------|-------|--------|-----------|--------|
|                  | ppb  | ppb   | ppb    |           |        |
| Aflatoxins Total | 2.00 | 20    | <LOQ   |           | Pass   |
| Ochratoxin A     | 4.00 | 20    | <LOQ   |           | Pass   |

Total Aflatoxins includes Aflatoxins B1, B2, G1, and G2.

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**Microbials**

**Pass**

**E. coli by 3M Petrifilm- Compliance**

Date Analyzed: 07/10/2024 Analyst Initials: DHV SOP: C4-SOP-MICRO-010

| Analyte        | LOQ   | Limit | Result | Qualifier | Status |
|----------------|-------|-------|--------|-----------|--------|
|                | CFU/g | CFU/g | CFU/g  |           |        |
| <i>E. coli</i> | 10    | 100   | <10    |           | Pass   |

**Aspergillus and Salmonella by qPCR - Compliance**

Date Analyzed: 07/10/2024 Analyst Initials: DHV SOP: C4-SOP-MICRO-013

| Analyte                | Result       | Qualifier | Status |
|------------------------|--------------|-----------|--------|
|                        | in one gram  |           |        |
| <i>Salmonella spp.</i> | Not Detected |           | Pass   |
| <i>Aspergillus</i>     | Not Detected |           | Pass   |

Aspergillus includes species flavus, fumigatus, niger, and terreus. Salmonella and Aspergillus by Medicinal Genomics.

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**Residual Solvents by Headspace GC/MS - Compliance**

**Pass**

Date Analyzed: 07/10/2024 Analyst Initials: HSP SOP: C4-SOP-CHEM-005

| Analyte            | LOD | LOQ   | Limit | Result | Qualifier | Status | Analyte                                | LOD | LOQ   | Limit | Result | Qualifier | Status |
|--------------------|-----|-------|-------|--------|-----------|--------|--|-----|-------|-------|--------|-----------|--------|
|                    | ppm | ppm   |       | ppm    |           |        |  | ppm | ppm   |       |        |           |        |
| Acetone            |     | 104.2 | 1000  | <LOQ   |           | Pass   | 2,2-Dimethylbutane                     |     | 33.33 |       | <LOQ   |           |        |
| Acetonitrile       |     | 41.67 | 410   | <LOQ   |           | Pass   | 2-methylpentane/<br>2,3-dimethylbutane |     | 66.67 |       | <LOQ   |           |        |
| Benzene            |     | 0.833 | 2     | <LOQ   |           | Pass   | 2-Propanol (IPA)                       |     | 520.8 | 5000  | <LOQ   |           | Pass   |
| Butanes            |     | 520.8 | 5000  | <LOQ   |           | Pass   | Isopropyl acetate                      |     | 520.8 | 5000  | <LOQ   |           | Pass   |
| <i>n</i> -Butane   |     | 520.8 |       | <LOQ   | L1        |        | Methanol                               |     | 312.5 | 3000  | <LOQ   | L1        | Pass   |
| <i>iso</i> -Butane |     | 520.8 |       | <LOQ   |           |        | Pentanes                               |     | 520.8 | 5000  | <LOQ   |           | Pass   |
| Chloroform         |     | 12.50 | 60    | <LOQ   |           | Pass   | <i>n</i> -Pentane                      |     | 520.8 |       | <LOQ   | L1, V1    |        |
| Dichloromethane    |     | 62.50 | 600   | <LOQ   |           | Pass   | <i>iso</i> -pentane                    |     | 520.8 |       | <LOQ   |           |        |
| Ethanol            |     | 520.8 | 5000  | <LOQ   |           | Pass   | <i>neo</i> -Pentane                    |     | 520.8 |       | <LOQ   | L1, V1    |        |
| Ethyl acetate      |     | 520.8 | 5000  | <LOQ   |           | Pass   | Toluene                                |     | 95.83 | 890   | <LOQ   |           | Pass   |
| Diethyl Ether      |     | 520.8 | 5000  | <LOQ   |           | Pass   | Xylenes                                |     | 229.2 | 2170  | <LOQ   |           | Pass   |
| n-Heptane          |     | 520.8 | 5000  | <LOQ   |           | Pass   | <i>m/p</i> -Xylene                     |     | 458.3 |       | <LOQ   |           |        |
| Hexanes            |     | 33.33 | 290   | <LOQ   |           | Pass   | <i>o</i> -Xylene                       |     | 229.2 |       | <LOQ   |           |        |
| <i>n</i> -Hexane   |     | 33.33 |       | <LOQ   |           |        | Ethyl benzene                          |     | 229.2 |       | <LOQ   |           |        |
| 3-Methylpentane    |     | 33.33 |       | <LOQ   |           |        |  |     |       |       |        |           |        |

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**Notes and Definitions**

| Item  | Definition   |
|---|--|
| I1  | Interference. Relative intensity of a characteristic ion in the sample analyte exceeded 30% of the relative intensity in the reference spectrum.   |
| L1  | The percent recovery of the LCS was above the control limit for the test but analyte was not detected above the Action Limit in Table 3.1.   |
| Q3  | Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Testing result is not accredited under ISO 17025.                                  |
| R1  | The RPD for the LCS/LCSD pair exceeded 20% but recoveries were within control limits.  |
| V1  | The recovery from initial or continuing calibration verification standards is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample. |
| < LOQ   | Results below the Limit of Quantification.   |
| ND  | Not Detected   |
| Limit   | Maximum allowable concentration as defined by Table 3.1 in Arizona Administrative code (A.A.C.) Title 9, Chapter 17  |
| CFU/g   | Colony forming units per gram  |
| ppm   | Parts per million  |
| ppb   | Parts per billion  |
| NT  | Not Tested   |
| Sum of Cannabinoids = THCA + d9-THC + CBDA + CBD + d8-THC + CBG + CBN + CBC |  |
| Total Cannabinoids = Total THC + Total CBD + d8-THC + CBG + CBN + CBC       |  |

**CASE NARRATIVE**

Manufacturing License # 00000039DCVR00320237

Cultivation License # 00000039DCVR00320237

**ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:**

Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. KEEP OUT OF REACH OF CHILDREN. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.