

HFF - Vape Cart - 1g - ESTW

METRC Batch: 1A406030000B7A0000706319
METRC Sample: 1A406030000B7A0000706322
Sample ID: 2403ENC3053_9022
Strain: ESTW
Matrix: Concentrates & Extracts
Type: Vape
Batch#: 032724HFFVapeESTW

Collected: 02/28/2024
Received: 03/29/2024
Completed: 04/02/2024
Sample Size: 8 units; Batch: 313 units

Distributor
Flower Company
Lic. # C12-0000273-LIC
5560 West End Rd.,
Arcata, CA, 95521

Producer
Leaflettes Inc.
Lic. # CDPH-10002440
1036 47TH AVE UNIT A-4
OAKLAND CA 94601-5114



Summary

| Test | Date Tested | Instr. Method | Result |
|----------------------|-------------|-------------------|----------|
| Batch | | | Pass |
| Cannabinoids | 04/01/2024 | LC-DAD | Pass |
| Terpenes | 04/01/2024 | GC-MS | Complete |
| Pesticides | 04/01/2024 | LC-MS | Pass |
| Mycotoxins | 04/01/2024 | LC-MS | Pass |
| Residual Solvents | 04/01/2024 | HS-GC-MS | Pass |
| Microbial Impurities | 04/02/2024 | qPCR | Pass |
| Heavy Metals | 04/02/2024 | ICP-MS | Pass |
| Foreign Matter | 04/01/2024 | Visual Inspection | Pass |

Cannabinoids

Method: SOP EL-CANNABINOIDS

81.896 %

Total THC

0.176 %

Total CBD

88.569 %

Total Cannabinoids

| Analytes | LOD | LOQ | Result | Result | Result |
|----------------------------|-------|-------|---------------|---------------|----------------|
| | mg/g | mg/g | % | mg/g | mg/unit |
| THCa | 0.238 | 0.721 | 3.372 | 33.72 | 33.72 |
| Δ9-THC | 0.255 | 0.772 | 78.939 | 789.39 | 789.39 |
| Δ8-THC | 0.282 | 0.853 | ND | ND | ND |
| THCVa | 0.274 | 0.832 | ND | ND | ND |
| THCV | 0.284 | 0.860 | 0.361 | 3.61 | 3.61 |
| CBDa | 0.249 | 0.756 | ND | ND | ND |
| CBD | 0.240 | 0.729 | 0.176 | 1.76 | 1.76 |
| CBN | 0.227 | 0.686 | 0.875 | 8.75 | 8.75 |
| CBGa | 0.271 | 0.821 | 0.881 | 8.81 | 8.81 |
| CBG | 0.250 | 0.757 | 4.488 | 44.88 | 44.88 |
| CBCa | 0.221 | 0.669 | ND | ND | ND |
| CBC | 0.259 | 0.786 | ND | ND | ND |
| Total THC | | | 81.896 | 818.96 | 818.963 |
| Total CBD | | | 0.176 | 1.76 | 1.757 |
| Total Cannabinoids | | | 88.569 | 885.68 | 885.685 |
| Sum of Cannabinoids | | | 89.091 | 890.91 | 890.915 |

1 Unit = 1g;

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



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Laboratory Supervisor | 04/02/2024



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Terpenes






Method: EL-TERPENES

| Analytes | LOD | LOQ | Result | Result |
|---------------------|-------|-------|--------------|---------------|
| | mg/g | mg/g | % | mg/g |
| Terpinolene | 0.082 | 0.377 | 1.298 | 12.98 |
| Ocimene | 0.095 | 0.377 | 0.270 | 2.70 |
| β-Myrcene | 0.088 | 0.377 | 0.263 | 2.63 |
| β-Caryophyllene | 0.095 | 0.377 | 0.257 | 2.57 |
| δ-Limonene | 0.046 | 0.377 | 0.140 | 1.40 |
| α-Pinene | 0.055 | 0.377 | 0.062 | 0.62 |
| α-Humulene | 0.037 | 0.377 | 0.060 | 0.60 |
| α-Phellandrene | 0.065 | 0.377 | 0.042 | 0.42 |
| α-Terpinene | 0.068 | 0.377 | <LOQ | <LOQ |
| α-Bisabolol | 0.114 | 0.377 | <LOQ | <LOQ |
| γ-Terpinene | 0.068 | 0.377 | <LOQ | <LOQ |
| δ-3-Carene | 0.045 | 0.377 | <LOQ | <LOQ |
| β-Pinene | 0.051 | 0.377 | <LOQ | <LOQ |
| Fenchol | 0.052 | 0.377 | <LOQ | <LOQ |
| p-Cymene | 0.035 | 0.377 | <LOQ | <LOQ |
| Borneol | 0.083 | 0.377 | ND | ND |
| Camphene | 0.032 | 0.377 | ND | ND |
| Eucalyptol | 0.063 | 0.377 | ND | ND |
| Fenchone | 0.060 | 0.377 | ND | ND |
| Linalool | 0.059 | 0.377 | ND | ND |
| Camphor | 0.068 | 0.566 | ND | ND |
| Valencene | 0.098 | 0.377 | ND | ND |
| cis-Nerolidol | 0.095 | 0.377 | ND | ND |
| trans-Nerolidol | 0.122 | 0.377 | ND | ND |
| Caryophyllene Oxide | 0.113 | 0.377 | ND | ND |
| Guaiol | 0.111 | 0.377 | ND | ND |
| Sabinene | 0.037 | 0.377 | ND | ND |
| Sabinene Hydrate | 0.072 | 0.377 | ND | ND |
| Isopulegol | 0.116 | 0.755 | ND | ND |
| Isoborneol | 0.032 | 0.377 | ND | ND |
| Menthol | 0.116 | 0.377 | ND | ND |
| Nerol | 0.079 | 1.887 | ND | ND |
| Pulegone | 0.078 | 0.377 | ND | ND |
| Geraniol | 0.108 | 1.887 | ND | ND |
| Geranyl Acetate | 0.090 | 1.887 | ND | ND |
| α-Cedrene | 0.068 | 0.377 | ND | ND |
| Cedrol | 0.064 | 0.377 | ND | ND |
| Total | | | 2.392 | 23.924 |


Date Tested: 04/01/2024

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Primary Aromas

| | | | | |
|---|---|--|--|--|
|  Turpentine |  Herbal |  Musky |  Clove |  Citrusy |
|---|---|--|--|--|




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Pesticides

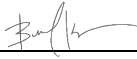
Method: EL-PESTMYCOLCMS

| Analytes | LOD | LOQ | Limit | Result | Status | Analytes | LOD | LOQ | Limit | Result | Status |
|---------------------|-------|------|-------|--------|--------|--------------------|-------|-------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | | | µg/g | µg/g | µg/g | µg/g | |
| Abamectin | 0.005 | 0.02 | 0.10 | ND | Pass | Fludioxonil | 0.01 | 0.05 | 0.10 | ND | Pass |
| Acephate | 0.002 | 0.01 | 0.10 | ND | Pass | Hexythiazox | 0.005 | 0.02 | 0.10 | ND | Pass |
| Acequinocyl | 0.01 | 0.02 | 0.10 | ND | Pass | Imazalil | 0.05 | 0.1 | 0.05 | ND | Pass |
| Acetamiprid | 0.005 | 0.02 | 0.10 | ND | Pass | Imidacloprid | 0.005 | 0.02 | 5.00 | ND | Pass |
| Aldicarb | 0.05 | 0.1 | 0.05 | ND | Pass | Kresoxim Methyl | 0.005 | 0.02 | 0.10 | ND | Pass |
| Azoxystrobin | 0.005 | 0.02 | 0.10 | ND | Pass | Malathion | 0.02 | 0.05 | 0.50 | ND | Pass |
| Bifenazate | 0.005 | 0.01 | 0.10 | ND | Pass | Metalaxyl | 0.002 | 0.005 | 2.00 | ND | Pass |
| Bifenthrin | 0.02 | 0.05 | 3.00 | ND | Pass | Methiocarb | 0.05 | 0.1 | 0.05 | ND | Pass |
| Boscalid | 0.02 | 0.05 | 0.10 | ND | Pass | Methomyl | 0.01 | 0.02 | 1.00 | ND | Pass |
| Captan | 0.2 | 0.3 | 0.70 | ND | Pass | Parathion Methyl | 0.02 | 0.05 | 0.02 | ND | Pass |
| Carbaryl | 0.02 | 0.05 | 0.50 | ND | Pass | Mevinphos | 0.02 | 0.05 | 0.02 | ND | Pass |
| Carbofuran | 0.05 | 0.1 | 0.05 | ND | Pass | Myclobutanil | 0.005 | 0.01 | 0.10 | ND | Pass |
| Chlorantraniliprole | 0.002 | 0.01 | 10.00 | ND | Pass | Naled | 0.01 | 0.02 | 0.10 | ND | Pass |
| Chlordane | 0.05 | 0.1 | 0.05 | ND | Pass | Oxamyl | 0.005 | 0.01 | 0.50 | ND | Pass |
| Chlorfenapyr | 0.05 | 0.1 | 0.05 | ND | Pass | Paclobutrazol | 0.05 | 0.1 | 0.05 | ND | Pass |
| Chlorpyrifos | 0.05 | 0.1 | 0.05 | ND | Pass | PCNB | 0.02 | 0.05 | 0.10 | ND | Pass |
| Clofentezine | 0.01 | 0.02 | 0.10 | ND | Pass | Permethrin | 0.02 | 0.05 | 0.50 | ND | Pass |
| Coumaphos | 0.02 | 0.05 | 0.02 | ND | Pass | Phosmet | 0.01 | 0.02 | 0.10 | ND | Pass |
| Cyfluthrin | 0.05 | 0.1 | 2.00 | ND | Pass | Piperonyl Butoxide | 0.02 | 0.05 | 3.00 | ND | Pass |
| Cypermethrin | 0.1 | 0.2 | 1.00 | ND | Pass | Prallethrin | 0.005 | 0.02 | 0.10 | ND | Pass |
| Daminozide | 0.02 | 0.05 | 0.02 | ND | Pass | Propiconazole | 0.005 | 0.01 | 0.10 | ND | Pass |
| Diazinon | 0.002 | 0.01 | 0.10 | ND | Pass | Propoxure | 0.05 | 0.1 | 0.05 | ND | Pass |
| Dichlorvos | 0.02 | 0.05 | 0.02 | ND | Pass | Pyrethrins | 0.02 | 0.05 | 0.50 | ND | Pass |
| Dimethoate | 0.02 | 0.05 | 0.02 | ND | Pass | Pyridaben | 0.005 | 0.01 | 0.10 | ND | Pass |
| Dimethomorph | 0.005 | 0.02 | 2.00 | ND | Pass | Spinetoram | 0.005 | 0.01 | 0.10 | ND | Pass |
| Ethoprophos | 0.05 | 0.1 | 0.05 | ND | Pass | Spinosad | 0.005 | 0.01 | 0.10 | ND | Pass |
| Etofenprox | 0.05 | 0.1 | 0.05 | ND | Pass | Spiromesifen | 0.01 | 0.02 | 0.10 | ND | Pass |
| Etoazole | 0.005 | 0.02 | 0.10 | ND | Pass | Spirotetramat | 0.005 | 0.01 | 0.10 | ND | Pass |
| Fenhexamid | 0.005 | 0.02 | 0.10 | ND | Pass | Spiroxamine | 0.05 | 0.1 | 0.05 | ND | Pass |
| Fenoxycarb | 0.05 | 0.1 | 0.05 | ND | Pass | Tebuconazole | 0.005 | 0.01 | 0.10 | ND | Pass |
| Fenpyroximate | 0.005 | 0.02 | 0.10 | ND | Pass | Thiacloprid | 0.02 | 0.05 | 0.02 | ND | Pass |
| Fipronil | 0.05 | 0.1 | 0.05 | ND | Pass | Thiamethoxam | 0.005 | 0.01 | 5.00 | ND | Pass |
| Flonicamid | 0.01 | 0.02 | 0.10 | ND | Pass | Trifloxystrobin | 0.005 | 0.01 | 0.10 | ND | Pass |

Date Tested: 04/01/2024

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Mycotoxins

Method: EL-PESTMYCOLCMS

| Analytes | LOD | LOQ | Limit | Result | Status |
|------------------|-------|-------|-------|--------|--------|
| | µg/kg | µg/kg | µg/kg | µg/kg | |
| Aflatoxin B1 | 1.00 | 2.00 | | ND | Tested |
| Aflatoxin B2 | 1.00 | 2.00 | | ND | Tested |
| Aflatoxin G1 | 2.00 | 4.00 | | ND | Tested |
| Aflatoxin G2 | 1.00 | 2.00 | | ND | Tested |
| Ochratoxin A | 4.00 | 10.00 | 20.00 | ND | Pass |
| Total Aflatoxins | | | 20.00 | ND | Pass |

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Residual Solvents

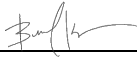
Method: EL-RES_SOLVENTS

| Analytes | LOD | LOQ | Limit | Result | Status |
|---------------------|-------|--------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Acetone | 33.00 | 100.00 | 5000 | <LOQ | Pass |
| Acetonitrile | 10.00 | 30.00 | 410 | ND | Pass |
| Benzene | 0.09 | 0.28 | 1 | ND | Pass |
| Butane | 10.00 | 30.00 | 5000 | ND | Pass |
| Chloroform | 0.10 | 0.29 | 1 | ND | Pass |
| Ethanol | 10.00 | 30.00 | 5000 | 63.28 | Pass |
| Ethyl-Acetate | 10.00 | 30.00 | 5000 | ND | Pass |
| Ethyl-Ether | 10.00 | 30.00 | 5000 | ND | Pass |
| Ethylene Oxide | 0.08 | 0.24 | 1 | ND | Pass |
| Heptane | 10.00 | 30.00 | 5000 | ND | Pass |
| n-Hexane | 10.00 | 30.00 | 290 | ND | Pass |
| Isopropanol | 10.00 | 30.00 | 5000 | ND | Pass |
| Methanol | 10.00 | 30.00 | 3000 | ND | Pass |
| Methylene-Chloride | 0.10 | 0.31 | 1 | ND | Pass |
| 1,2-Dichloro-Ethane | 0.10 | 0.29 | 1 | ND | Pass |
| Pentane | 10.00 | 30.00 | 5000 | ND | Pass |
| Propane | 10.00 | 30.00 | 5000 | ND | Pass |
| Toluene | 10.00 | 30.00 | 890 | ND | Pass |
| Xylenes | 20.00 | 60.00 | 2170 | ND | Pass |
| Trichloroethene | 0.10 | 0.29 | 1 | ND | Pass |

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Microbial Impurities

Method: SOP EL-MICROBIALS

| Analytes | Result | Status |
|--|--------------------|--------|
| Aspergillus flavus | Not Detected in 1g | Pass |
| Aspergillus fumigatus | Not Detected in 1g | Pass |
| Aspergillus niger | Not Detected in 1g | Pass |
| Aspergillus terreus | Not Detected in 1g | Pass |
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | Pass |
| Salmonella spp | Not Detected in 1g | Pass |

Date Tested: 04/02/2024

Heavy Metals

Method: SOP EL-HEAVYMETALS

| Analytes | LOD | LOQ | Limit | Result | Status |
|----------|-------|-------|-------|--------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.012 | 0.036 | 0.200 | ND | Pass |
| Cadmium | 0.015 | 0.044 | 0.200 | ND | Pass |
| Lead | 0.055 | 0.167 | 0.500 | ND | Pass |
| Mercury | 0.005 | 0.015 | 0.100 | ND | Pass |

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