

Sample Name: Ice Cream Cake
 LIMS Sample ID: 190920V006
 Batch #: 080819-ICC-FLW-2899
 Sample Metric ID: 1A406030000558D000001595
 Sample Type: Flower, Inhalable
 Batch Weight: 7313 Gram(s)
 Sample Weight: 26.8 Gram(s)
 Unit Mass:
 Serving Mass:
 Density:

Date Collected: 09/20/2019
 Date Received: 09/21/2019
 Tested for: ADIRA Distribution, Inc.
 License #: C11-0000739-LIC
 Address: 3440 AIRWAY DR, SUITE c, SANTA ROSA, CA 95403-2065
 Produced by: The Humboldt Leaf
 License #: CAL18-0002902
 Address: APN: 211-362-016 Unincorporated, Humboldt County, CA

Overall result for batch 080819-ICC-FLW-2899: Pass

Moisture Test Results
09/21/2019

| | Results (%) |
|----------|-------------|
| Moisture | 11.7 |

Cannabinoid Test Results
09/23/2019

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

| | mg/g | % | LOD / LOQ mg/g |
|-------|---------|---------|----------------|
| Δ9THC | 5.174 | 0.5174 | 0.052 / 0.158 |
| Δ8THC | ND | ND | 0.074 / 0.224 |
| THCa | 277.719 | 27.7719 | 0.052 / 0.156 |
| THCV | ND | ND | 0.045 / 0.137 |
| THCVa | 0.805 | 0.0805 | 0.088 / 0.267 |
| CBD | ND | ND | 0.059 / 0.180 |
| CBDa | 1.120 | 0.1120 | 0.052 / 0.156 |
| CBDV | ND | ND | 0.027 / 0.080 |
| CBDVa | ND | ND | 0.030 / 0.090 |
| CBG | 1.089 | 0.1089 | 0.048 / 0.144 |
| CBGa | 13.606 | 1.3606 | 0.034 / 0.102 |
| CBL | ND | ND | 0.114 / 0.346 |
| CBN | ND | ND | 0.052 / 0.157 |
| CBC | ND | ND | 0.048 / 0.146 |
| CBCa | 8.930 | 0.8930 | 0.233 / 0.705 |

| Sum of Cannabinoids: | 308.443 | 30.8443 |
|------------------------------|---------|---------|
| Total THC (Δ9THC+0.877*THCa) | 248.734 | 24.8734 |
| Total CBD (CBD+0.877*CBDa) | 0.982 | 0.0982 |

Action Limit mg

Δ9THC per Unit
 Δ9THC per Serving

Batch Photo

Water Activity Test Results - Pass
09/21/2019

| | Results (Aw) | Action Limit Aw |
|---------------------|--------------|-----------------|
| Water Activity Pass | 0.465 | 0.65 |

Terpene Test Results
09/24/2019

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

| | mg/g | % | LOD / LOQ mg/g |
|---------------------|-------|--------|----------------|
| Pinene | 0.318 | 0.0318 | 0.028 / 0.084 |
| Camphene | <LOQ | <LOQ | 0.038 / 0.116 |
| Sabinene | ND | ND | 0.024 / 0.073 |
| Pinene | 0.486 | 0.0486 | 0.016 / 0.048 |
| Myrcene | 0.448 | 0.0448 | 0.03 / 0.092 |
| Phellandrene | ND | ND | 0.048 / 0.144 |
| 3 Carene | ND | ND | 0.028 / 0.085 |
| Terpinene | ND | ND | 0.051 / 0.155 |
| Limonene | 4.33 | 0.433 | 0.04 / 0.12 |
| Eucalyptol | ND | ND | 0.051 / 0.155 |
| Ocimene | ND | ND | 0.053 / 0.16 |
| Terpinene | ND | ND | 0.038 / 0.114 |
| Sabinene Hydrate | ND | ND | 0.046 / 0.138 |
| Fenchone | ND | ND | 0.06 / 0.181 |
| Terpinolene | ND | ND | 0.042 / 0.128 |
| Linalool | 2.25 | 0.225 | 0.043 / 0.13 |
| Fenchol | 0.284 | 0.0284 | 0.051 / 0.153 |
| (-)-Isopulegol | ND | ND | 0.026 / 0.08 |
| Camphor | ND | ND | 0.08 / 0.242 |
| Isoborneol | ND | ND | 0.028 / 0.085 |
| Borneol | ND | ND | 0.063 / 0.19 |
| Menthol | ND | ND | 0.043 / 0.129 |
| Terpineol | 0.302 | 0.0302 | 0.029 / 0.087 |
| Nerol | ND | ND | 0.042 / 0.128 |
| R-(+)-Pulegone | ND | ND | 0.016 / 0.047 |
| Geraniol | <LOQ | <LOQ | 0.037 / 0.112 |
| Geranyl Acetate | ND | ND | 0.025 / 0.076 |
| Cedrene | 0.193 | 0.0193 | 0.012 / 0.035 |
| Caryophyllene | 5.068 | 0.5068 | 0.029 / 0.087 |
| Humulene | 1.210 | 0.1210 | 0.017 / 0.051 |
| Valencene | <LOQ | <LOQ | 0.018 / 0.055 |
| Nerolidol | 0.28 | 0.028 | 0.05 / 0.15 |
| Caryophyllene Oxide | 0.170 | 0.0170 | 0.011 / 0.034 |
| Guaiol | ND | ND | 0.035 / 0.106 |
| Cedrol | 0.136 | 0.0136 | 0.022 / 0.066 |
| Bisabolol | ND | ND | 0.057 / 0.172 |

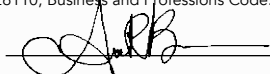
Total Terpene Concentration: 15.475 1.5475

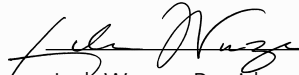
Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
 Authority: Section 26013, Business and Professions Code.
 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



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 Anna Brown, LQC Verified By
 Date: 09/25/2019


 Josh Wurzer, President
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Overall result for batch 080819-ICC-FLW-2899: Pass

Pesticide Test Results - Pass

09/24/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

| | | Results (µg/g) | Action Limit µg/g | LOD / LOQ µg/g |
|-------------------------|------|----------------|-------------------|----------------|
| Abamectin | Pass | ND | 0.1 | 0.030 / 0.091 |
| Acephate | Pass | ND | 0.1 | 0.013 / 0.039 |
| Acequinocyl | Pass | ND | 0.1 | 0.010 / 0.031 |
| Acetamiprid | Pass | ND | 0.1 | 0.013 / 0.038 |
| Azoxystrobin | Pass | ND | 0.1 | 0.015 / 0.047 |
| Bifenazate | Pass | ND | 0.1 | 0.012 / 0.035 |
| Bifenthrin | Pass | ND | 3.0 | 0.013 / 0.038 |
| Boscalid | Pass | ND | 0.1 | 0.008 / 0.023 |
| Captan | Pass | ND | 0.7 | 0.099 / 0.300 |
| Carbaryl | Pass | ND | 0.5 | 0.014 / 0.043 |
| Chlorantraniliprole | Pass | ND | 10.0 | 0.020 / 0.061 |
| Clofentezine | Pass | ND | 0.1 | 0.009 / 0.027 |
| Cyfluthrin | Pass | ND | 2.0 | 0.099 / 0.299 |
| Cypermethrin | Pass | ND | 1.0 | 0.030 / 0.091 |
| Diazinon | Pass | ND | 0.1 | 0.009 / 0.027 |
| Dimethomorph | Pass | ND | 2.0 | 0.018 / 0.055 |
| Etoxazole | Pass | ND | 0.1 | 0.007 / 0.022 |
| Fenhexamid | Pass | ND | 0.1 | 0.015 / 0.045 |
| Fenpyroximate | Pass | ND | 0.1 | 0.012 / 0.036 |
| Fonicamid | Pass | ND | 0.1 | 0.022 / 0.066 |
| Fludioxonil | Pass | ND | 0.1 | 0.020 / 0.061 |
| Hexythiazox | Pass | ND | 0.1 | 0.009 / 0.027 |
| Imidacloprid | Pass | ND | 5.0 | 0.017 / 0.050 |
| Kresoxim-methyl | Pass | ND | 0.1 | 0.010 / 0.029 |
| Malathion | Pass | ND | 0.5 | 0.006 / 0.019 |
| Metalaxyl | Pass | ND | 2.0 | 0.011 / 0.033 |
| Methomyl | Pass | ND | 1.0 | 0.022 / 0.067 |
| Myclobutanil | Pass | ND | 0.1 | 0.015 / 0.044 |
| Naled | Pass | ND | 0.1 | 0.010 / 0.031 |
| Oxamyl | Pass | ND | 0.5 | 0.014 / 0.042 |
| Pentachloronitrobenzene | Pass | ND | 0.1 | 0.020 / 0.061 |
| Permethrin | Pass | ND | 0.5 | 0.027 / 0.082 |
| Phosmet | Pass | ND | 0.1 | 0.010 / 0.030 |
| Piperonylbutoxide | Pass | ND | 3.0 | 0.007 / 0.020 |
| Prallethrin | Pass | ND | 0.1 | 0.011 / 0.032 |
| Propiconazole | Pass | ND | 0.1 | 0.004 / 0.013 |
| Pyrethrins | Pass | ND | 0.5 | 0.012 / 0.036 |
| Pyridaben | Pass | ND | 0.1 | 0.007 / 0.020 |
| Spinetoram | Pass | ND | 0.1 | 0.006 / 0.017 |
| Spinosad | Pass | ND | 0.1 | 0.010 / 0.031 |
| Spiromesifen | Pass | ND | 0.1 | 0.005 / 0.015 |
| Spirotetramat | Pass | ND | 0.1 | 0.014 / 0.042 |
| Tebuconazole | Pass | ND | 0.1 | 0.006 / 0.018 |
| Thiamethoxam | Pass | ND | 5.0 | 0.011 / 0.033 |
| Trifloxystrobin | Pass | ND | 0.1 | 0.007 / 0.020 |

Mycotoxin Test Results - Pass

09/23/2019

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

| | | Results (µg/kg) | Action Limit µg/kg | LOD / LOQ µg/kg |
|--------------------------|------|-----------------|--------------------|-----------------|
| Aflatoxin B1 | Pass | ND | 20.0 | 1.0 / 3.0 |
| Aflatoxin B2 | Pass | ND | 20.0 | 2.0 / 6.0 |
| Aflatoxin G1 | Pass | ND | 20.0 | 1.0 / 3.0 |
| Aflatoxin G2 | Pass | ND | 20.0 | 2.0 / 6.0 |
| Aflatoxin B1, B2, G1, G2 | Pass | ND | 20.0 | |
| Ochratoxin A | Pass | ND | 20.0 | 6.0 / 18.0 |

Pesticide Test Results - Pass

09/24/2019

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

| | | Results (µg/g) | Action Limit µg/g | LOD / LOQ µg/g |
|-------------------|------|----------------|-------------------|----------------|
| Aldicarb | Pass | ND | ND | 0.030 / 0.091 |
| Carbofuran | Pass | ND | ND | 0.029 / 0.089 |
| Chlordane | Pass | ND | ND | 0.032 / 0.097 |
| Chlorfenapyr | Pass | ND | ND | 0.030 / 0.090 |
| Chlorpyrifos | Pass | ND | ND | 0.029 / 0.089 |
| Coumaphos | Pass | ND | ND | 0.029 / 0.089 |
| Daminozide | Pass | ND | ND | 0.030 / 0.091 |
| DDVP (Dichlorvos) | Pass | ND | ND | 0.029 / 0.089 |
| Dimethoate | Pass | ND | ND | 0.029 / 0.089 |
| Ethoprop(hos) | Pass | ND | ND | 0.029 / 0.089 |
| Etofenprox | Pass | ND | ND | 0.029 / 0.089 |
| Fenoxycarb | Pass | ND | ND | 0.029 / 0.089 |
| Fipronil | Pass | ND | ND | 0.029 / 0.089 |
| Imazalil | Pass | ND | ND | 0.029 / 0.089 |
| Methiocarb | Pass | ND | ND | 0.029 / 0.089 |
| Methyl parathion | Pass | ND | ND | 0.029 / 0.089 |
| Mevinphos | Pass | ND | ND | 0.029 / 0.089 |
| Pacllobutrazol | Pass | ND | ND | 0.029 / 0.089 |
| Propoxur | Pass | ND | ND | 0.029 / 0.089 |
| Spiroxamine | Pass | ND | ND | 0.029 / 0.089 |
| Thiacloprid | Pass | ND | ND | 0.029 / 0.089 |

Heavy Metal Test Results - Pass

09/23/2019

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

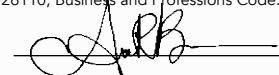
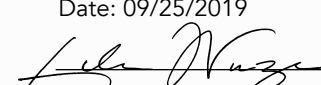
| | | Results (µg/g) | Action Limit µg/g | LOD / LOQ µg/g |
|---------|------|----------------|-------------------|----------------|
| Cadmium | Pass | <LOQ | 0.2 | 0.012 / 0.035 |
| Lead | Pass | ND | 0.5 | 0.031 / 0.095 |
| Arsenic | Pass | <LOQ | 0.2 | 0.013 / 0.039 |
| Mercury | Pass | 0.006 | 0.1 | 0.002 / 0.005 |

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 CoA ID: 190920V006-001 - Page 2 of 3

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Overall result for batch 080819-ICC-FLW-2899: Pass

Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

| | Results (µg/g) | Action Limit µg/g | LOD / LOQ µg/g |
|--------------------|----------------|-------------------|----------------|
| 1,2-Dichloroethane | NT | | |
| Benzene | NT | | |
| Chloroform | NT | | |
| Ethylene Oxide | NT | | |
| Methylene chloride | NT | | |
| Trichloroethylene | NT | | |
| Acetone | NT | | |
| Acetonitrile | NT | | |
| Butane | NT | | |
| Ethanol | NT | | |
| Ethyl acetate | NT | | |
| Ethyl ether | NT | | |
| Heptane | NT | | |
| Hexane | NT | | |
| Isopropyl Alcohol | NT | | |
| Methanol | NT | | |
| Pentane | NT | | |
| Propane | NT | | |
| Toluene | NT | | |
| Total Xylenes | NT | | |

Note

Microbiological Test Results - Pass

09/23/2019

PCR and fluorescence detection of microbiological impurities

| | Results | Action Limit |
|--|---------|--------------|
| Shiga toxin-producing Escherichia coli | Pass ND | ND |
| Salmonella spp. | Pass ND | ND |
| Aspergillus fumigatus | Pass ND | ND |
| Aspergillus flavus | Pass ND | ND |
| Aspergillus niger | Pass ND | ND |
| Aspergillus terreus | Pass ND | ND |

Foreign Material Test Results - Pass

09/21/2019

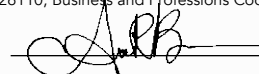
Pass

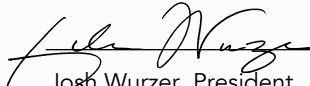
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