

Sample Name: Peanut Butter Breath
LIMS Sample ID: 200326T017
Batch #: 0000354
Source METRC UID: 1A4060300004FB1000004837

Sample Type: Flower, Inhalable
Batch Weight: 15089.20 Gram(s)
Sample Weight: 53.5 Gram(s)
Unit Mass:
Serving Mass:
Density:

Date Collected: 03/26/2020
Date Received: 03/26/2020
Tested for: FLOR X, INC.
License #: C11-0000401-LIC
Address: 516 WORK ST, SALINAS, CA 93901-4350
Produced by: The Humboldt Leaf
License #: CCL18-0002905
Address: APN: 211-372-007 Unincorporated Humboldt County, CA

Overall result for batch 0000354: Pass

Moisture Test Results

03/27/2020

| | Results (%) |
|----------|-------------|
| Moisture | 12.2 |

Cannabinoid Test Results

03/28/2020

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)
Calculated using Dry-Weight

| | mg/g | % | LOD / LOQ mg/g |
|-------|---------|---------|----------------|
| Δ9THC | 11.986 | 1.1986 | 0.052 / 0.158 |
| Δ8THC | ND | ND | 0.074 / 0.224 |
| THCa | 193.659 | 19.3659 | 0.052 / 0.156 |
| THCV | ND | ND | 0.045 / 0.137 |
| THCVa | 0.641 | 0.0641 | 0.088 / 0.267 |
| CBD | ND | ND | 0.059 / 0.18 |
| CBDa | 0.448 | 0.0448 | 0.052 / 0.156 |
| CBDV | ND | ND | 0.027 / 0.08 |
| CBDVa | ND | ND | 0.03 / 0.09 |
| CBG | 1.605 | 0.1605 | 0.048 / 0.144 |
| CBGa | 11.607 | 1.1607 | 0.034 / 0.102 |
| CBL | ND | ND | 0.114 / 0.346 |
| CBN | ND | ND | 0.052 / 0.157 |
| CBC | 0.423 | 0.0423 | 0.048 / 0.146 |
| CBCa | 7.501 | 0.7501 | 0.233 / 0.705 |

| Sum of Cannabinoids: | 227.870 | 22.787 |
|------------------------------|---------|---------|
| Total THC (Δ9THC+0.877*THCa) | 181.825 | 18.1825 |
| Total CBD (CBD+0.877*CBDa) | 0.393 | 0.0393 |

Action Limit mg

Δ9THC per Unit
Δ9THC per Serving

Batch Photo



Terpene Test Results

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

| | mg/g | % | LOD / LOQ mg/g |
|---------------------|------|---|----------------|
| ☐ Bisabolol | NT | | |
| ☐ Pinene | NT | | |
| 3 Carene | NT | | |
| Borneol | NT | | |
| ☐ Caryophyllene | NT | | |
| Geraniol | NT | | |
| ☐ Humulene | NT | | |
| Terpinolene | NT | | |
| Valencene | NT | | |
| Menthol | NT | | |
| Nerolidol | NT | | |
| Camphene | NT | | |
| Eucalyptol | NT | | |
| ☐ Cedrene | NT | | |
| Camphor | NT | | |
| (-)-Isopulegol | NT | | |
| Sabinene | NT | | |
| ☐ Terpinene | NT | | |
| ☐ Terpinene | NT | | |
| Linalool | NT | | |
| Limonene | NT | | |
| Myrcene | NT | | |
| Fenchol | NT | | |
| ☐ Phellandrene | NT | | |
| Caryophyllene Oxide | NT | | |
| Terpineol | NT | | |
| ☐ Pinene | NT | | |
| R-(+)-Pulegone | NT | | |
| Geranyl Acetate | NT | | |
| Citronellol | NT | | |
| p-Cymene | NT | | |
| Ocimene | NT | | |
| Guaiol | NT | | |
| Phytol | NT | | |
| Isoborneol | NT | | |

Total Terpene Concentration: NT

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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Sample must be marked as public to be viewable

Ashley Phillips

Ashley Phillips, LQC Verified By
Date: 03/29/2020

Josh Wurzer

Josh Wurzer, President
Date: 03/29/2020

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Overall result for batch 0000354: Pass

Pesticide Test Results - Pass

03/28/2020

Pesticide 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 |

Pesticide Test Results - Pass

03/28/2020

Pesticide 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 |

Mycotoxin Test Results - Pass

03/28/2020

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 |

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 Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



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Ashley Phillips

Ashley Phillips, LQC Verified By
 Date: 03/29/2020

Josh Wurzer

Josh Wurzer, President
 Date: 03/29/2020

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Overall result for batch 0000354: 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 | | |

Microbiological Test Results - Pass
03/29/2020

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
03/27/2020

Pass

Water Activity Test Results - Pass
03/27/2020

| Water Activity | Results (Aw) | Action Limit Aw |
|----------------|--------------|-----------------|
| Pass | 0.5228 | 0.65 |

Heavy Metal Test Results - Pass
03/27/2020

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

| | Results (µg/g) | Action Limit µg/g | LOD / LOQ µg/g |
|---------|----------------|-------------------|----------------|
| Cadmium | Pass ND | 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 0.005 | 0.1 | 0.002 / 0.005 |

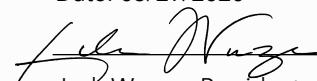
Note
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 Ashley Phillips, LQC Verified By
 Date: 03/29/2020



 Josh Wurzer, President
 Date: 03/29/2020

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