



Certificate of Analysis

Sample:AL30331002-001
Harvest/Lot ID: 00052
Batch#: 230310-001
Seed to Sale# LeafLogix
Sample Size Received: 8 units
Total Amount: 1200 units
Retail Product Size: 1 gram
Sampled : 03/31/23
PASSED
Apr 14, 2023 | Nightshade Farm

686 Fox Creek Rd.

Medusa, NY, 12120, US

Pages 1 of 6
PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals Solvents
PASSED

Filtration
NOT TESTED

Water Activity
NOT TESTED

Moisture
NOT TESTED

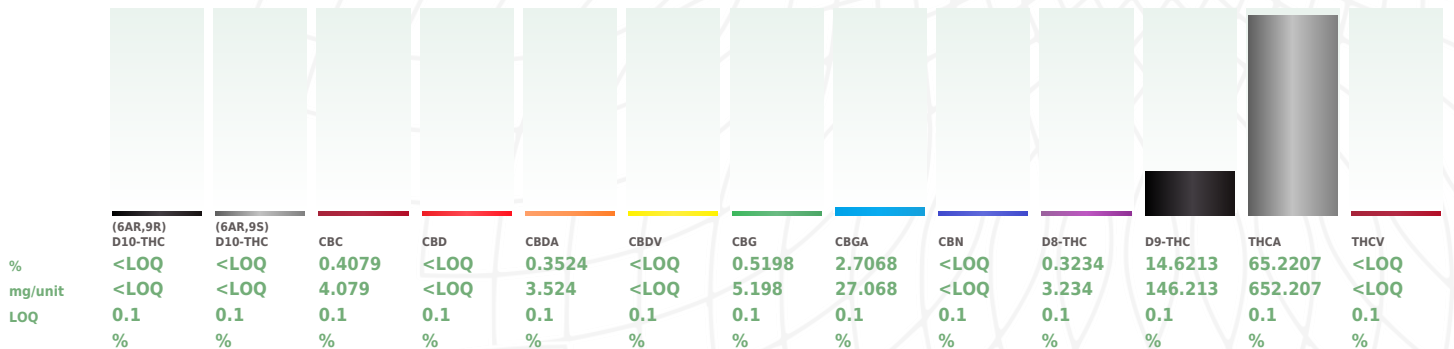
Terpenes
TESTED

MISC.

Cannabinoid
PASSED

Total THC
72.1432%

Total CBD
0.309%

Total Cannabinoids
84.1523%

Weight:
0.2024g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY

Analyzed Date : 04/04/23 11:18:21

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).



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Sample Method : SOP Client Method

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Terpenes

TESTED

| Terpenes | LOQ (%) | mg/unit | % | Result (%) | Terpenes | LOQ (%) | mg/unit | % | Result (%) |
|--------------------|---------|---------|------|------------|--|---------|---------|------|------------|
| VALENCENE | 0.004 | <LOQ | <LOQ | | CARYOPHYLLENE OXIDE | 0.004 | <LOQ | <LOQ | |
| ALPHA-PINENE | 0.004 | <LOQ | <LOQ | | BORNEOL | 0.004 | <LOQ | <LOQ | |
| TRANS-NEROLIDOL | 0.004 | 2 | 0.2 | | BETA-CARYOPHYLLENE | 0.004 | 70 | 7 | |
| CAMPENE | 0.004 | <LOQ | <LOQ | | ALPHA-HUMULENE | 0.004 | 3 | 0.3 | |
| SABINENE | 0.004 | <LOQ | <LOQ | | ALPHA-CEDRENE | 0.004 | <LOQ | <LOQ | |
| BETA-PINENE | 0.004 | <LOQ | <LOQ | | ALPHA-BISABOLOL | 0.004 | 16 | 1.6 | |
| BETA-MYRCENE | 0.004 | 1 | 0.1 | | ALPHA TERPINEOL | 0.004 | <LOQ | <LOQ | |
| PULEGONE | 0.004 | <LOQ | <LOQ | | Weight: | | | | |
| ALPHA-PHELLANDRENE | 0.004 | <LOQ | <LOQ | | 0.5036g | | | | |
| 3-CARENE | 0.004 | <LOQ | <LOQ | | Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY | | | | |
| NEROL | 0.004 | <LOQ | <LOQ | | Analyzed Date : 04/04/23 13:55:10 | | | | |
| ALPHA-TERPINENE | 0.004 | <LOQ | <LOQ | | Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS/MS. | | | | |
| LINALOOL | 0.004 | 1 | 0.1 | | | | | | |
| LIMONENE | 0.004 | <LOQ | <LOQ | | | | | | |
| EUCALYPTOL | 0.004 | <LOQ | <LOQ | | | | | | |
| ISOBORNEOL | 0.004 | <LOQ | <LOQ | | | | | | |
| OCIMENE | 0.004 | <LOQ | <LOQ | | | | | | |
| GAMMA TERPINEOL | 0.004 | ND | ND | | | | | | |
| HEXAHYDROTHYMOL | 0.004 | <LOQ | <LOQ | | | | | | |
| SABINENE HYDRATE | 0.004 | <LOQ | <LOQ | | | | | | |
| GUAJOL | 0.004 | <LOQ | <LOQ | | | | | | |
| TERPINOLENE | 0.004 | <LOQ | <LOQ | | | | | | |
| GERANYL ACETATE | 0.004 | 20 | 2 | | | | | | |
| FENCHONE | 0.004 | <LOQ | <LOQ | | | | | | |
| GERANIOL | 0.004 | <LOQ | <LOQ | | | | | | |
| GAMMA-TERPINENE | 0.004 | <LOQ | <LOQ | | | | | | |
| FENCHYL ALCOHOL | 0.004 | <LOQ | <LOQ | | | | | | |
| ISOPULEGOL | 0.004 | <LOQ | <LOQ | | | | | | |
| CAMPHOR | 0.004 | <LOQ | <LOQ | | | | | | |
| CIS-NEROLIDOL | 0.004 | 20 | 2 | | | | | | |
| CEDROL | 0.004 | <LOQ | <LOQ | | | | | | |
| Total (%) | | | 13.5 | | | | | | |



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Sample Method : SOP Client Method

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| <div>  Pesticides </div> | | | | | | <div> PASSED </div> | | | | | |
|--|-----|-------|--------------|-----------|--------|----------------------------|-----|-------|--------------|-----------|--------|
| Pesticide | LOQ | Units | Action Level | Pass/Fail | Result | Pesticide | LOQ | Units | Action Level | Pass/Fail | Result |
| PYRETHRINS, TOTAL | 0.1 | ppm | 1 | PASS | <LOQ | PACLOBUTRAZOL | 0.1 | ppm | 0.4 | PASS | <LOQ |
| AZADIRACHTIN | 0.1 | ppm | 1 | PASS | <LOQ | PHOSMET | 0.1 | ppm | 0.2 | PASS | <LOQ |
| INDOLE-3-BUTYRIC ACID | 0.1 | ppm | 1 | PASS | <LOQ | PRALLETHRIN | 0.1 | ppm | 0.2 | PASS | <LOQ |
| MYCLOBUTANIL | 0.1 | ppm | 0.2 | PASS | <LOQ | PROPICONAZOLE | 0.1 | ppm | 0.4 | PASS | <LOQ |
| PIPERONYL BUTOXIDE | 0.1 | ppm | 2 | PASS | <LOQ | PROPOXUR | 0.1 | ppm | 0.2 | PASS | <LOQ |
| ABAMECTIN B1A | 0.1 | ppm | 0.5 | PASS | <LOQ | PYRIDABEN | 0.1 | ppm | 0.2 | PASS | <LOQ |
| ACEPHATE | 0.1 | ppm | 0.4 | PASS | <LOQ | SPINETORAM, TOTAL | 0.1 | ppm | 1 | PASS | <LOQ |
| ACEQUINOCYL | 0.1 | ppm | 2 | PASS | <LOQ | SPINOSAD, TOTAL | 0.1 | ppm | 0.2 | PASS | <LOQ |
| ACETAMIPRID | 0.1 | ppm | 0.2 | PASS | <LOQ | SPIROMESIFEN | 0.1 | ppm | 0.2 | PASS | <LOQ |
| ALDICARB | 0.1 | ppm | 0.4 | PASS | <LOQ | SPIROTETRAMAT | 0.1 | ppm | 0.2 | PASS | <LOQ |
| AZOXYSTROBIN | 0.1 | ppm | 0.2 | PASS | <LOQ | SPIROXAMINE | 0.1 | ppm | 0.2 | PASS | <LOQ |
| CHLORMEQUAT CHLORIDE | 0.1 | ppm | 1 | PASS | <LOQ | TEBUCONAZOLE | 0.1 | ppm | 0.4 | PASS | <LOQ |
| BIFENAZATE | 0.1 | ppm | 0.2 | PASS | <LOQ | THIACLOPRID | 0.1 | ppm | 0.2 | PASS | <LOQ |
| BIFENTHRIN | 0.1 | ppm | 0.2 | PASS | <LOQ | THIAMETHOXAM | 0.1 | ppm | 0.2 | PASS | <LOQ |
| CARBARYL | 0.1 | ppm | 0.2 | PASS | <LOQ | TRIFLOXYSTROBIN | 0.1 | ppm | 0.2 | PASS | <LOQ |
| COUMAPHOS | 0.1 | ppm | 1 | PASS | <LOQ | CAPTAN * | 0.1 | ppm | 1 | PASS | <LOQ |
| CHLORPYRIFOS | 0.1 | ppm | 0.2 | PASS | <LOQ | CHLORDANE * | 0.1 | ppm | 1 | PASS | <LOQ |
| DAMINOZIDE | 0.1 | ppm | 1 | PASS | <LOQ | CHLORFENAPYR * | 0.1 | ppm | 1 | PASS | <LOQ |
| BOSCALID | 0.1 | ppm | 0.4 | PASS | <LOQ | CYFLUTHRIN * | 0.1 | ppm | 1 | PASS | <LOQ |
| CARBOFURAN | 0.1 | ppm | 0.2 | PASS | <LOQ | CYPERMETHRIN * | 0.1 | ppm | 1 | PASS | <LOQ |
| CHLORANTRANILIPROLE | 0.1 | ppm | 0.2 | PASS | <LOQ | METHYL PARATHION * | 0.1 | ppm | 0.2 | PASS | <LOQ |
| CLOFENTEZINE | 0.1 | ppm | 0.2 | PASS | <LOQ | MGK-264 * | 0.1 | ppm | 0.2 | PASS | <LOQ |
| DIAZINON | 0.1 | ppm | 0.2 | PASS | <LOQ | PENTACHLORONITROBENZENE * | 0.1 | ppm | 1 | PASS | <LOQ |
| DICHLORVOS | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |
| DIMETHOATE | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| DIMETHOMORPH | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |
| ETHOPROPHOS | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| ETOFENPROX | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| ETOXAZOLE | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| FENHEXAMID | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |
| FENOXYCARB | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| FENPYROXIMATE | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| FIPRONIL | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| FLONICAMID | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |
| FLUDIOXONIL | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| HEXYTHIAZOX | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |
| IMAZALIL | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| IMIDACLOPRID | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| KRESOXIM METHYL | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| MALATHION | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| METALAXYL | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| METHIOCARB | 0.1 | ppm | 0.2 | PASS | <LOQ | | | | | | |
| METHOMYL | 0.1 | ppm | 0.4 | PASS | <LOQ | | | | | | |
| MEVINPHOS | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |
| NALED | 0.1 | ppm | 0.5 | PASS | <LOQ | | | | | | |
| OXAMYL | 0.1 | ppm | 1 | PASS | <LOQ | | | | | | |

 Weight:
 0.4634g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY

Analyzed Date : 04/05/23 08:29:16

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS).

 Weight:
 0.4634g

Analysis Method : SOP.T.40.154.NY

Analyzed Date : 04/05/23 08:29:10

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry and Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Harvest/Lot ID: 00052

Batch# : 230310-001

Sampled : 03/31/23

Sample Size Received : 8 units

Total Amount : 1200 units

Sample Method : SOP Client Method

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Residual Solvents

PASSED

| Solvents | LOQ | Units | Action Level | Pass/Fail | Result |
|-----------------|--------|-------|--------------|-----------|--------|
| HEXANE, TOTAL | 208.4 | ppm | 290 | PASS | <LOQ |
| PENTANES, TOTAL | 2700 | ppm | 5000 | PASS | <LOQ |
| BUTANES, TOTAL | 1800 | ppm | 5000 | PASS | <LOQ |
| XYLENES, TOTAL | 1171.8 | ppm | 2170 | PASS | <LOQ |
| PROPANE | 900 | ppm | 5000 | PASS | <LOQ |
| METHANOL | 540 | ppm | 3000 | PASS | <LOQ |
| ETHANOL | 900 | ppm | 5000 | PASS | <LOQ |
| ETHYL ETHER | 900 | ppm | 5000 | PASS | <LOQ |
| ACETONE | 180 | ppm | 5000 | PASS | <LOQ |
| 2-PROPANOL | 900 | ppm | 5000 | PASS | <LOQ |
| ACETONITRILE | 73.8 | ppm | 410 | PASS | <LOQ |
| DICHLOROMETHANE | 108 | ppm | 600 | PASS | <LOQ |
| ETHYL ACETATE | 900 | ppm | 5000 | PASS | <LOQ |
| BENZENE | 0.45 | ppm | 2 | PASS | <LOQ |
| N-HEPTANE | 900 | ppm | 5000 | PASS | <LOQ |
| TOLUENE | 160.2 | ppm | 890 | PASS | <LOQ |
| CHLOROFORM | 10.8 | ppm | 60 | PASS | <LOQ |

 Weight:
 0.0208g

Analysis Method : SOP.T.40.044.NY

Analyzed Date : 04/04/23 14:33:36

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).



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Sample : AL30331002-001

Harvest/Lot ID: 00052

Batch# : 230310-001



Sampled : 03/31/23


Sample Size Received : 8 units

Total Amount : 1200 units

Sample Method : SOP Client Method

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|  Microbial PASSED | | | | | |  Mycotoxins PASSED | | | | | |
|--|-----|-------|-------------|-------------|--------------|--|--------|-------|--------|-------------|--------------|
| Analyte | LOQ | Units | Result | Pass / Fail | Action Level | Analyte | LOQ | Units | Result | Pass / Fail | Action Level |
| TOTAL AEROBIC BACTERIA | 10 | CFU/g | <100 | PASS | 10000 | AFLATOXIN G2 | 0.0025 | ppm | <LOQ | PASS | 0.02 |
| TOTAL YEAST AND MOLD | 10 | CFU/g | <100 | PASS | 1000 | AFLATOXIN G1 | 0.0025 | ppm | <LOQ | PASS | 0.02 |
| ESCHERICHIA COLI SHIGELLA SPP | | | Not Present | PASS | | AFLATOXIN B2 | 0.0025 | ppm | <LOQ | PASS | 0.02 |
| SALMONELLA SPECIES | | | Not Present | PASS | | AFLATOXIN B1 | 0.0025 | ppm | <LOQ | PASS | 0.02 |
| ASPERGILLUS TERREUS | | | Not Present | PASS | | OCHRATOXIN A+ | 0.01 | ppm | <LOQ | PASS | 0.02 |
| ASPERGILLUS NIGER | | | Not Present | PASS | | TOTAL AFLATOXINS (B1, B2, G1, G2) | 0.0025 | ppm | <LOQ | PASS | 0.02 |
| ASPERGILLUS FLAVUS | | | Not Present | PASS | | | | | | | |
| ASPERGILLUS FUMIGATUS | | | Not Present | PASS | | | | | | | |
| Weight: 1.0014g | | | | | | Weight: 0.4634g | | | | | |
| Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY Analyzed Date : N/A | | | | | | Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analyzed Date : 04/05/23 08:28:58 | | | | | |
| | | | | | | Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. | | | | | |

|  Heavy Metals PASSED | | | | | |
|--|------|-------|--------|-------------|--------------|
| Metal | LOQ | Units | Result | Pass / Fail | Action Level |
| ANTIMONY | 0.01 | ug/g | <LOQ | PASS | 2 |
| ARSENIC | 0.01 | ug/g | <LOQ | PASS | 0.2 |
| CADMIUM | 0.01 | ug/g | <LOQ | PASS | 0.3 |
| CHROMIUM | 0.01 | ug/g | <LOQ | PASS | 110 |
| COPPER | 0.01 | ug/g | <LOQ | PASS | 30 |
| LEAD | 0.01 | ug/g | <LOQ | PASS | 0.5 |
| MERCURY | 0.01 | ug/g | <LOQ | PASS | 0.1 |
| NICKEL | 0.01 | ug/g | <LOQ | PASS | 2 |
| Weight: 0.5072g | | | | | |
| Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analyzed Date : 04/03/23 16:39:28 | | | | | |
| Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. | | | | | |



1 Winners Circle
Albany, NY, 12205, US

Kaycha Labs

Hella Jelly Full Spectrum Cannabis Extract
Hella Jelly
Matrix : Derivative



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Sample Method : SOP Client Method

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Homogeneity

PASSED

Amount of tests conducted : 1

| Analyte | LOQ | Units | Pass/Fail | Result | Action Level |
|-------------|-----|-------|-----------|--------|--------------|
| STD DEV CBD | | % | TESTED | 0.2061 | |
| STD DEV THC | | % | TESTED | 0.9718 | |

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 04/04/23 11:18:21

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

Erica Troy
Lab Director

NY Permit # OCM-CPL-2022-00006
ISO 17025 Accreditation # 97164

Signature

04/14/23

Signed On