

CERTIFICATE OF ANALYSIS

PRODUCED: OCT 18, 2019

2019-09-16_STRAWBERRY BLISS_DRYD4_FL (FLOWER) // CLIENT: WALNUT LLC

BATCH RESULT: **PASS****BATCH NO.:** 2019-09-16_STRAWBERRY
BLISS_DRYD4_FL**MATRIX:** FLOWER**CATEGORY:** INHALABLE**SAMPLE ID:** BCL-191015-003**COLLECTED ON:** OCT 15, 2019**RECEIVED ON:** OCT 15, 2019**BATCH SIZE:** 3885 GRAMS**SAMPLE SIZE:** 15 GRAMS

THCA 27.39 %

CBGA 0.58 %

TOTAL CANNABINOIDS 29.18 %

**MOISTURE****MICROBIAL**
PASS**MYCOTOXINS**
PASS**PESTICIDES**
PASS**TERPENOIDS****CANNABINOIDS****HEAVY METALS**
PASS**WATER ACTIVITY**
PASS**FOREIGN
MATERIALS**
PASS**CULTIVATOR**WALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807**LICENSE**

PML19-0000600

TYPE

MEDICINAL - CULTIVATOR LICENSE

DISTRIBUTORWALNUT LLC
3030 WALNUT STE 160
LONG BEACH, CA 90807**LICENSE**

C11-0001016-LIC

TYPEADULT-USE AND MEDICINAL -
DISTRIBUTOR LICENSEALL LQC SAMPLES REQUIRED BY SECTION 5730 OF CALIFORNIA CODE OF REGULATIONS TITLE 16 DIVISION 42
BUREAU OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.**RESULTS CERTIFIED BY: RON BROOKS, M.S.**

SCIENTIFIC DIRECTOR, BELCOSTA LABS

OCT 18, 2019



BCL-03: CANNABINOID POTENCY BY HPLC-UV

OCT 17, 2019

DRY-WEIGHT AMOUNTS SHOWN



| ANALYTE | LABELED AMOUNT | DETECTED | DETECTED | LOD | LOQ | PASS/FAIL |
|---|----------------|------------|---------------|------------|----------|-----------|
| CBC | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| CBCA | | 0.26165 % | 2.6165 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| CBD | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| CBDA | | 0.08221 % | 0.8221 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| CBDV | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| CBDVA | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| CBG | | 0.23415 % | 2.3415 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| CBGA | | 0.58314 % | 5.8314 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| CBN | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| Δ^8 -THC | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| Δ^9 -THC | | 0.47668 % | 4.7668 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| THCA | | 27.39479 % | 273.9479 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| THCV | | ND | ND | 0.025 mg/g | 0.1 mg/g | N/A |
| THCVA | | 0.15051 % | 1.5051 mg/g | 0.025 mg/g | 0.1 mg/g | N/A |
| TOTAL THC (TOTAL THC = (THCA X 0.877) + THC) | | 24.50191 % | 245.0191 mg/g | | | N/A |
| TOTAL CBD (TOTAL CBD = (CBDA X 0.877) + CBD) | | 0.0721 % | 0.721 mg/g | | | N/A |



BCL-09: TERPENOID TESTING BY HS-GC/FID
OCT 16, 2019

| ANALYTE | LABELED AMOUNT | DETECTED | DETECTED | PASS/FAIL |
|------------------------|----------------|-----------|--------------|-----------|
| TOTAL TERPENES | | 2.27514 % | 22.7514 mg/g | N/A |
| β -CARYOPHYLLENE | | 0.67186 % | 6.7186 mg/g | N/A |
| D-LIMONENE | | 0.63641 % | 6.3641 mg/g | N/A |
| β -PINENE | | 0.31141 % | 3.1141 mg/g | N/A |
| α -HUMULENE | | 0.24549 % | 2.4549 mg/g | N/A |
| LINALOOL | | 0.20962 % | 2.0962 mg/g | N/A |
| β -MYRCENE | | 0.12523 % | 1.2523 mg/g | N/A |
| α -PINENE | | 0.07512 % | 0.7512 mg/g | N/A |
| P-CYMENE | | ND | ND | N/A |
| γ -TERPINENE | | ND | ND | N/A |
| CIS-NEROLIDOL | | ND | ND | N/A |
| β -OCIMENE | | ND | ND | N/A |
| 1,8-CINEOLE | | ND | ND | N/A |
| α -TERPINENE | | ND | ND | N/A |
| CAMPHERE | | ND | ND | N/A |
| α -OCIMENE | | ND | ND | N/A |
| α -BISABOLOL | | ND | ND | N/A |
| TERPINOLENE | | ND | ND | N/A |



| | | | |
|--------------------|----|----|-----|
| ISOPULEGOL | ND | ND | N/A |
| GUAJOL | ND | ND | N/A |
| GERANIOL | ND | ND | N/A |
| Δ^3 -CARENE | ND | ND | N/A |
| TRANS-NEROLIDOL | ND | ND | N/A |

BCL-02: MOISTURE CONTENT BY GRAVIMETRY

OCT 15, 2019



| ANALYTE | ACTION LIMIT | DETECTED | PASS/FAIL |
|----------|--------------|----------|-----------|
| MOISTURE | | 7.3 % | N/A |

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

OCT 17, 2019



| ANALYTE | ACTION LIMIT | DETECTED | PASS/FAIL |
|-----------------------|----------------------|----------|-----------|
| ASPERGILLUS FLAVUS | Any amount in 1 gram | ND | PASS |
| ASPERGILLUS FUMIGATUS | Any amount in 1 gram | ND | PASS |
| ASPERGILLUS NIGER | Any amount in 1 gram | ND | PASS |
| ASPERGILLUS TERREUS | Any amount in 1 gram | ND | PASS |
| ESCHERICHIA COLI | Any amount in 1 gram | ND | PASS |
| SALMONELLA SPP. | Any amount in 1 gram | ND | PASS |



BCL-11: MYCOTOXIN TESTING BY LC-MS/MS

OCT 17, 2019

| ANALYTE | ACTION LIMIT | DETECTED | LOD | LOQ | PASS/FAIL |
|--------------|--------------|----------|----------|----------|-----------|
| AFLATOXIN B1 | 20 µg/kg | ND | 15 µg/kg | 20 µg/kg | PASS |
| AFLATOXIN B2 | 20 µg/kg | ND | 15 µg/kg | 20 µg/kg | PASS |
| AFLATOXIN G1 | 20 µg/kg | ND | 15 µg/kg | 20 µg/kg | PASS |
| AFLATOXIN G2 | 20 µg/kg | ND | 15 µg/kg | 20 µg/kg | PASS |
| AFLATOXINS | 20 µg/kg | ND | 15 µg/kg | 20 µg/kg | PASS |
| OCHRATOXIN A | 20 µg/kg | ND | 15 µg/kg | 20 µg/kg | PASS |

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI

OCT 17, 2019

| ANALYTE | ACTION LIMIT | DETECTED | LOD | LOQ | PASS/FAIL | ANALYTE | ACTION LIMIT | DETECTED | LOD | LOQ | PASS/FAIL |
|--------------|--------------|----------|-----------|-----------|-----------|-----------------|--------------|----------|-----------|-----------|-----------|
| ABAMECTIN | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS | IMIDACLOPRID | 5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ACEPHATE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS | KRESOXIM-METHYL | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ACEQUINOCYL | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS | MALATHION | 0.5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ACETAMIPRID | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS | METALAXYL | 2 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ALDICARB | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS | METHIOCARB | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| AZOXYSTROBIN | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS | METHOMYL | 1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| BIFENAZATE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS | MEVINPHOS | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |



REGULATORY COMPLIANCE TESTING

| | | | | | |
|-----------------------------|------------|----|-----------|-----------|------|
| BIFENTHRIN | 3 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| BOSCALID | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| CARBARYL | 0.5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| CARBOFURAN | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| CHLORANTRANIL-IPROLE | 10 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| CLOFENTEZINE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| COUMAPHOS | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| DAMINOZIDE | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| DIAZINON | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| DIMETHOATE | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| DIMETHOMORPH | 2 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ETHOPROPHOS | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ETOFENPROX | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| ETOXAZOLE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| FENHEXAMID | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| FENOXYCARB | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| FENPYROXIMATE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| FIPRONIL | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| FLONICAMID | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| FLUDIOXONIL | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| HEXYTHIAZOX | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |

| | | | | | |
|---------------------------|------------|----|-----------|-----------|------|
| MYCLOBUTANIL | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| NALED | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| OXAMYL | 0.5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PACLOBUTRAZOL | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PERMETHRIN | 0.5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PHOSMET | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PIPERONYLBUTO-XIDE | 3 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PRALLETHRIN | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PROPICONAZOLE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PROPOXUR | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PYRETHRINS | 0.5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| PYRIDABEN | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| SPINETORAM | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| SPINOSAD | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| SPIROMESIFEN | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| SPIROTETRAMAT | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| SPIROXAMINE | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| TEBUCONAZOLE | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| THIACLOPRID | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| THIAMETHOXAM | 5 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |
| TRIFLOXYSTROB-IN | 0.1 µg/g | ND | 0.03 µg/g | 0.05 µg/g | PASS |



| | | | | | |
|----------|------------|----|--------------|--------------|------|
| IMAZALIL | Any amount | ND | 0.03 µg/g | 0.05 µg/g | PASS |
|----------|------------|----|--------------|--------------|------|

BCL-13: PESTICIDE TESTING BY GC/MS

OCT 18, 2019

ANALYTE ACTION LIMIT DETECTED LOD LOQ PASS/FAIL

CAPTAN 0.7 µg/g ND 0.03 µg/g 0.05 µg/g PASS

CHLORDANE Any amount ND 0.03 µg/g 0.05 µg/g PASS

CHLORFENAPYR Any amount ND 0.03 µg/g 0.05 µg/g PASS

CHLORPYRIFOS Any amount ND 0.03 µg/g 0.05 µg/g PASS

CYFLUTHRIN 2 µg/g ND 0.03 µg/g 0.05 µg/g PASS

ANALYTE ACTION LIMIT DETECTED LOD LOQ PASS/FAIL

CYPERMETHRIN 1 µg/g ND 0.03 µg/g 0.05 µg/g PASS

DICHLORVOS Any amount ND 0.03 µg/g 0.05 µg/g PASS

METHYL PARATHION Any amount ND 0.03 µg/g 0.05 µg/g PASS

PENTACHLORONI-TROBENZENE 0.1 µg/g ND 0.03 µg/g 0.05 µg/g PASS

BCL-10: HEAVY METAL TESTING BY ICP-MS

OCT 17, 2019

ANALYTE ACTION LIMIT DETECTED LOD LOQ PASS/FAIL

ARSENIC 0.2 µg/g 0.011 µg/g 0.004 µg/g 0.011 µg/g PASS

CADMIUM 0.2 µg/g 0.039 µg/g 0.004 µg/g 0.011 µg/g PASS

LEAD 0.5 µg/g ND 0.006 µg/g 0.019 µg/g PASS

MERCURY 0.1 µg/g < LOQ 0.004 µg/g 0.013 µg/g PASS



BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM

OCT 15, 2019



| ANALYTE | ACTION LIMIT | DETECTED | PASS/FAIL |
|----------------|--------------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.55 Aw | PASS |

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

OCT 15, 2019



| ANALYTE | ACTION LIMIT | DETECTED | PASS/FAIL |
|---------------------------|--------------|----------|-----------|
| CINDERS | 25 % | ND | PASS |
| DIRT | 25 % | ND | PASS |
| IMBEDDED FOREIGN MATERIAL | 25 % | ND | PASS |
| INSECT FRAGMENTS | 1 Unit | ND | PASS |
| MAMMAL EXCREMENT | 1 Unit | ND | PASS |
| MOLD | 25 % | ND | PASS |
| RODENT HAIR | 1 Unit | ND | PASS |
| SAND | 25 % | ND | PASS |
| SOIL | 25 % | ND | PASS |

