

CERTIFICATE OF ANALYSIS

PRODUCED: APR 30, 2020

SAMPLE: 2020_04_01_PY1 (FLOWER) // CLIENT: WALNUT LLC // BATCH: PASS



BATCH NO.: 2020_04_01_PY1
 MATRIX: FLOWER
 CATEGORY: INHALABLE
 SAMPLE ID: BCL-200427-001
 COLLECTED ON: APR 27, 2020
 RECEIVED ON: APR 27, 2020
 BATCH SIZE: 2984.8 GRAMS
 SAMPLE SIZE: 12 GRAMS

CANNABINOID OVERVIEW

| | |
|---------------------|------------|
| TOTAL THC: | 26.41389 % |
| TOTAL CBD: | 0.07737 % |
| TOTAL CANNABINOIDS: | 31.47072 % |

CULTIVATOR INFO

CULTIVATOR

WALNUT LLC
 3030 WALNUT STE 160
 LONG BEACH, CA 90807

LICENSE

CCL19-0000600
 MEDICINAL - CULTIVATOR LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR

WALNUT LLC
 3030 WALNUT STE 160
 LONG BEACH, CA 90807

LICENSE

C11-0001016-LIC
 ADULT-USE AND MEDICINAL -
 DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // APR 28, 2020

| ANALYTE | AMOUNT | AMOUNT | LOD/LOQ (mg/g) | PASS/FAIL |
|---------------------|------------|---------------|----------------|-----------|
| CBC | ND | ND | 0.025/0.1 | N/A |
| CBCA | 0.20465 % | 2.0465 mg/g | 0.025/0.1 | N/A |
| CBD | ND | ND | 0.025/0.1 | N/A |
| CBDA | 0.08822 % | 0.8822 mg/g | 0.025/0.1 | N/A |
| CBDV | ND | ND | 0.025/0.1 | N/A |
| CBDVA | ND | ND | 0.025/0.1 | N/A |
| CBG | 0.29117 % | 2.9117 mg/g | 0.025/0.1 | N/A |
| CBGA | 0.71054 % | 7.1054 mg/g | 0.025/0.1 | N/A |
| CBN | ND | ND | 0.025/0.1 | N/A |
| Δ ⁸ -THC | ND | ND | 0.025/0.1 | N/A |
| Δ ⁹ -THC | 0.32771 % | 3.2771 mg/g | 0.025/0.1 | N/A |
| THCA | 29.74479 % | 297.4479 mg/g | 0.025/0.1 | N/A |
| THCV | ND | ND | 0.025/0.1 | N/A |
| THCVA | 0.10364 % | 1.0364 mg/g | 0.025/0.1 | N/A |
| TOTAL THC ** | 26.41389 % | 264.1389 mg/g | N/A | N/A |
| TOTAL CBD ** | 0.07737 % | 0.7737 mg/g | N/A | N/A |

** TOTAL THC = (THCA X 0.877) + THC

** TOTAL CBD = (CBDA X 0.877) + CBD

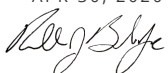
DRY-WEIGHT AMOUNTS SHOWN

BCL-09: TERPENOID TESTING BY HS-GC/FID // APR 28, 2020

| ANALYTE | AMOUNT | AMOUNT | PASS/FAIL |
|------------------------|-----------|--------------|-----------|
| TOTAL TERPENES | 1.36405 % | 13.6405 mg/g | N/A |
| D-LIMONENE | 0.37232 % | 3.7232 mg/g | N/A |
| β-CARYOPHYLLENE | 0.21544 % | 2.1544 mg/g | N/A |
| LINALOOL | 0.16416 % | 1.6416 mg/g | N/A |
| GUAIOL | 0.15193 % | 1.5193 mg/g | N/A |
| β-MYRCENE | 0.11453 % | 1.1453 mg/g | N/A |
| ISOPULEGOL | 0.08636 % | 0.8636 mg/g | N/A |
| α-HUMULENE | 0.08252 % | 0.8252 mg/g | N/A |
| β-PINENE | 0.0659 % | 0.659 mg/g | N/A |
| α-BISABOLOL | 0.06416 % | 0.6416 mg/g | N/A |
| α-PINENE | 0.04673 % | 0.4673 mg/g | N/A |
| γ-TERPINENE | ND | ND | N/A |
| TERPINOLENE | ND | ND | N/A |
| P-CYMENE | ND | ND | N/A |
| GERANIOL | ND | ND | N/A |
| CIS-NEROLIDOL | ND | ND | N/A |
| EUCALYPTOL | ND | ND | N/A |
| Δ ³ -CARENE | ND | ND | N/A |
| CARYOPHYLLENE OXIDE | ND | ND | N/A |
| CAMPHERE | ND | ND | N/A |
| β-OCIMENE | ND | ND | N/A |
| α-TERPINENE | ND | ND | N/A |
| α-OCIMENE | ND | ND | N/A |
| TRANS-NEROLIDOL | ND | ND | N/A |

ALL 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
 APR 30, 2020




BCL-13: PESTICIDE TESTING BY GC/MS // APR 29, 2020

| ANALYTE | LIMIT | AMOUNT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------|------------|---------------|----------------|-----------|
| CAPTAN | 0.7 µg/g | ND | 0.03/0.05 | PASS |
| CHLORDANE | Any amount | ND | 0.03/0.05 | PASS |
| CHLORFENAPYR | Any amount | ND | 0.03/0.05 | PASS |
| CHLORPYRIFOS | Any amount | ND | 0.03/0.05 | PASS |

| ANALYTE | LIMIT | AMOUNT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------------|------------|---------------|----------------|-----------|
| DICHLORVOS | Any amount | ND | 0.03/0.05 | PASS |
| METHYL PARATHION | Any amount | ND | 0.03/0.05 | PASS |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND | 0.03/0.05 | PASS |

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // APR 29, 2020

| ANALYTE | LIMIT | AMOUNT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|----------------------|------------|---------------|----------------|-----------|
| ABAMECTIN | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| ACEPHATE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| ACEQUINOCYL | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| ACETAMIPRID | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| ALDICARB | Any amount | ND | 0.03/0.05 | PASS |
| AZOXYSTROBIN | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| BIFENAZATE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| BIFENTHRIN | 3 µg/g | ND | 0.03/0.05 | PASS |
| BOSCALID | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| CARBARYL | 0.5 µg/g | ND | 0.03/0.05 | PASS |
| CARBOFURAN | Any amount | ND | 0.03/0.05 | PASS |
| CHLORANTRANIL-IPROLE | 10 µg/g | ND | 0.03/0.05 | PASS |
| CLOFENTEZINE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| COUMAPHOS | Any amount | ND | 0.03/0.05 | PASS |
| CYFLUTHRIN | 2 µg/g | ND | 0.03/0.05 | PASS |
| CYPERMETHRIN | 1 µg/g | ND | 0.03/0.05 | PASS |
| DAMINOZIDE | Any amount | ND | 0.03/0.05 | PASS |
| DIAZINON | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| DIMETHOATE | Any amount | ND | 0.03/0.05 | PASS |
| DIMETHOMORPH | 2 µg/g | ND | 0.03/0.05 | PASS |
| ETHOPROPHOS | Any amount | ND | 0.03/0.05 | PASS |
| ETOXAZOLE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| FENHEXAMID | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| FENOXYCARB | Any amount | ND | 0.03/0.05 | PASS |
| FENPYROXIMATE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| FIPRONIL | Any amount | ND | 0.03/0.05 | PASS |
| FLONICAMID | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| FLUDIOXONIL | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| HEXYTHIAZOX | 0.1 µg/g | ND | 0.03/0.05 | PASS |

| ANALYTE | LIMIT | AMOUNT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|-------------------|------------|---------------|----------------|-----------|
| IMAZALIL | Any amount | ND | 0.03/0.05 | PASS |
| IMIDACLOPRID | 5 µg/g | ND | 0.03/0.05 | PASS |
| KRESOXIM-METHYL | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| MALATHION | 0.5 µg/g | ND | 0.03/0.05 | PASS |
| METALAXYL | 2 µg/g | ND | 0.03/0.05 | PASS |
| METHIOCARB | Any amount | ND | 0.03/0.05 | PASS |
| METHOMYL | 1 µg/g | ND | 0.03/0.05 | PASS |
| MEVINPHOS | Any amount | ND | 0.03/0.05 | PASS |
| MYCLOBUTANIL | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| NALED | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| OXAMYL | 0.5 µg/g | ND | 0.03/0.05 | PASS |
| PACLOBUTRAZOL | Any amount | ND | 0.03/0.05 | PASS |
| PERMETHRIN | 0.5 µg/g | ND | 0.03/0.05 | PASS |
| PHOSMET | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| PIPERONYLBUTOXIDE | 3 µg/g | ND | 0.03/0.05 | PASS |
| PRALLETHRIN | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| PROPICONAZOLE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| PROPOXUR | Any amount | ND | 0.03/0.05 | PASS |
| PYRETHRINS | 0.5 µg/g | ND | 0.03/0.05 | PASS |
| PYRIDABEN | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| SPINETORAM | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| SPINOSAD | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| SPIROMESIFEN | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| SPIROTETRAMAT | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| SPIROXAMINE | Any amount | ND | 0.03/0.05 | PASS |
| TEBUCONAZOLE | 0.1 µg/g | ND | 0.03/0.05 | PASS |
| THIACLOPRID | Any amount | ND | 0.03/0.05 | PASS |
| THIAMETHOXAM | 5 µg/g | ND | 0.03/0.05 | PASS |
| TRIFLOXYSTROBIN | 0.1 µg/g | ND | 0.03/0.05 | PASS |



BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // APR 27, 2020

| ANALYTE | LIMIT | AMOUNT (%) | 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 |

BCL-020: HEAVY METAL TESTING BY ICP-MS // APR 30, 2020

| ANALYTE | LIMIT | AMOUNT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|---------|----------|---------------|----------------|-----------|
| ARSENIC | 0.2 µg/g | < LOQ | 0.001/0.05 | PASS |
| CADMIUM | 0.2 µg/g | < LOQ | 0.0002/0.05 | PASS |
| LEAD | 0.5 µg/g | < LOQ | 0.0003/0.05 | PASS |
| MERCURY | 0.1 µg/g | ND | 0.0001/0.01 | PASS |

BCL-02: MOISTURE CONTENT BY GRAVIMETRY // APR 27, 2020

| ANALYTE | LIMIT | AMOUNT (%) | PASS/FAIL |
|----------|-------|------------|-----------|
| MOISTURE | | 7.9 | N/A |

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // APR 29, 2020

| ANALYTE | LIMIT | AMOUNT (CFU) | 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 // APR 29, 2020

| ANALYTE | LIMIT | AMOUNT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|----------|----------------|-----------------|-----------|
| AFLATOXIN B1 | | ND | 1.476/4.472 | N/A |
| AFLATOXIN B2 | | ND | 1.683/5.101 | N/A |
| AFLATOXIN G1 | | ND | 1.559/4.723 | N/A |
| AFLATOXIN G2 | | ND | 1.585/4.804 | N/A |
| AFLATOXINS | 20 µg/kg | ND | 6.303/19.1 | PASS |
| OCHRATOXIN A | 20 µg/kg | ND | 3.312/10.037 | PASS |

BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // APR 27, 2020

| ANALYTE | LIMIT | AMOUNT (Aw) | PASS/FAIL |
|----------------|---------|-------------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.52 | PASS |

