

# CERTIFICATE OF ANALYSIS

PRODUCED: APR 15, 2019

BLUEBERRY (FLOWER) // CLIENT: BUD TECHNOLOGY // BATCH RESULT: **PASS**



**BATCH NO.:** BT-BY-040819  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-190408-032  
**COLLECTED ON:** APR 08, 2019  
**RECEIVED ON:** APR 08, 2019  
**BATCH SIZE:** 2970 GRAMS  
**SAMPLE SIZE:** 12 GRAMS



**MOISTURE**



**MICROBIAL**

PASS



**MYCOTOXINS**

PASS



**PESTICIDES**

PASS



**CANNABINOIDS**



**HEAVY METALS**

PASS



**WATER ACTIVITY**

PASS



**FOREIGN MATERIALS**

PASS

## CULTIVATOR

FUNKY BUDDHA  
 2257 W. GAYLORD ST.  
 LONG BEACH, CA 90813

**LICENSE**  
 PML18-0001814

**TYPE**  
 MEDICINAL - CULTIVATOR  
 TEMPORARY LICENSE

## DISTRIBUTOR

BUD TECHNOLOGY  
 6101 LINDBERGH ST. BLDG 300  
 CALIFORNIA CITY, CA 93505

**LICENSE**  
 C11-0000001-LIC

**TYPE**  
 ADULT-USE AND MEDICINAL -  
 DISTRIBUTOR LICENSE

REGULATORY COMPLIANCE TESTING

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 15, 2019

A handwritten signature in black ink, appearing to read "Ron Brooks".

## BCL-03: CANNABINOID POTENCY BY HPLC-UV

APR 10, 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 *   |                | ND       | ND          | 0.025 mg/g | 0.1 mg/g | N/A       |
| CBD  |                | ND       | ND          | 0.025 mg/g | 0.1 mg/g | N/A       |
| CBDA   |                | ND       | ND          | 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  |                | ND       | ND          | 0.025 mg/g | 0.1 mg/g | N/A       |
| CBGA *   |                | 0.609 %  | 6.09 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       |
| $\Delta^8$ -THC *                                      |                | ND       | ND          | 0.025 mg/g | 0.1 mg/g | N/A       |
| $\Delta^9$ -THC  |                | ND       | ND          | 0.025 mg/g | 0.1 mg/g | N/A       |
| THCA   |                | 25.085 % | 250.85 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 *  |                | ND       | ND          | 0.025 mg/g | 0.1 mg/g | N/A       |
| <b>TOTAL THC</b><br>(TOTAL THC = (THCA X 0.877) + THC) |                | 22.000 % | 220 mg/g    |            |          | N/A       |
| <b>TOTAL CBD</b><br>(TOTAL CBD = (CBDA X 0.877) + CBD) |                | ND       | ND          |            |          | N/A       |

\* BEYOND SCOPE OF ACCREDITATION

## BCL-02: MOISTURE ANALYSIS BY MOISTURE BALANCE

APR 09, 2019

| ANALYTE  | ACTION LIMIT | DETECTED | PASS/FAIL |
|----------|--------------|----------|-----------|
| MOISTURE |              | 8.500 %  | N/A       |

## BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

APR 10, 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

APR 15, 2019

| ANALYTE      | ACTION LIMIT | DETECTED | PASS/FAIL |
|--------------|--------------|----------|-----------|
| AFLATOXINS   | 20 µg/kg     | ND       | PASS      |
| OCHRATOXIN A | 20 µg/kg     | ND       | PASS      |

## BCL-13: PESTICIDE TESTING BY GC/MS

APR 11, 2019

| ANALYTE      | ACTION LIMIT | DETECTED | LOD       | LOQ       | PASS/FAIL | ANALYTE                  | ACTION LIMIT | DETECTED | LOD       | LOQ       | PASS/FAIL |
|--------------|--------------|----------|-----------|-----------|-----------|--------------------------|--------------|----------|-----------|-----------|-----------|
| CAPTAN       | 0.7 µg/g     | ND       | 0.03 µg/g | 0.05 µg/g | PASS      | CYPERMETHRIN             | 1 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      | DICHLORVOS               | 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      | METHYL PARATHION         | 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      | PENTACHLORONI-TROBENZENE | 0.1 µg/g     | ND       | 0.03 µg/g | 0.05 µg/g | PASS      |
| CYFLUTHRIN   | 2 µg/g       | ND       | 0.03 µg/g | 0.05 µg/g | PASS      |                          |              |          |           |           |           |

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

APR 15, 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      |
| BIFENTHRIN   | 3 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      |

## REGULATORY COMPLIANCE TESTING

| ANALYTE              | ACTION LIMIT | DETECTED | LOD       | LOQ       | PASS/FAIL | ANALYTE           | ACTION LIMIT | DETECTED | LOD       | LOQ       | PASS/FAIL |
|----------------------|--------------|----------|-----------|-----------|-----------|-------------------|--------------|----------|-----------|-----------|-----------|
| BOSCALID             | 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      |
| CARBARYL             | 0.5 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      |
| CARBOFURAN           | Any amount   | ND       | 0.03 µg/g | 0.05 µg/g | PASS      | PACLOBUTRAZOL     | 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      | PERMETHRIN        | 0.5 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      | PHOSMET           | 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      | PIPERONYLBUTOXIDE | 3 µg/g       | ND       | 0.03 µg/g | 0.05 µg/g | PASS      |
| DAMINOZIDE           | Any amount   | 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      |
| DIAZINON             | 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      |
| DIMETHOATE           | Any amount   | ND       | 0.03 µg/g | 0.05 µg/g | PASS      | PROPOXUR          | 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      | PYRETHRINS        | 0.5 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      | PYRIDABEN         | 0.1 µg/g     | ND       | 0.03 µg/g | 0.05 µg/g | PASS      |
| ETOFENPROX           | Any amount   | 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      |
| ETOXAZOLE            | 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      |
| FENHEXAMID           | 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      |
| FENOXYCARB           | Any amount   | 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      |
| FENPYROXIMATE        | 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      |
| FIPRONIL             | 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      |
| FLONICAMID           | 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      |
| FLUDIOXONIL          | 0.1 µg/g     | ND       | 0.03 µg/g | 0.05 µg/g | PASS      | THIAMETHOXAM      | 5 µg/g       | ND       | 0.03 µg/g | 0.05 µg/g | PASS      |

REGULATORY COMPLIANCE TESTING

| ANALYTE     | ACTION LIMIT | DETECTED | LOD       | LOQ       | PASS/FAIL |
|-------------|--------------|----------|-----------|-----------|-----------|
| HEXYTHIAZOX | 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      |

| ANALYTE          | ACTION LIMIT | DETECTED | LOD       | LOQ       | PASS/FAIL |
|------------------|--------------|----------|-----------|-----------|-----------|
| TRIFLOXYSTROB-IN | 0.1 µg/g     | ND       | 0.03 µg/g | 0.05 µg/g | PASS      |

BCL-10: HEAVY METAL TESTING BY ICP-MS  
APR 12, 2019

| ANALYTE | ACTION LIMIT | DETECTED  | LOD           | LOQ           | PASS/FAIL |
|---------|--------------|-----------|---------------|---------------|-----------|
| ARSENIC | 0.2 µg/g     | 0.02 µg/g | 0.000353 µg/g | 0.001069 µg/g | PASS      |
| CADMIUM | 0.2 µg/g     | 0.05 µg/g | 0.000357 µg/g | 0.001082 µg/g | PASS      |
| LEAD    | 0.5 µg/g     | ND        | 0.000638 µg/g | 0.001933 µg/g | PASS      |
| MERCURY | 0.1 µg/g     | ND        | 0.000412 µg/g | 0.001251 µg/g | PASS      |

BCL-12: WATER ACTIVITY TEST BY HYGROMETRY  
APR 09, 2019

| ANALYTE        | ACTION LIMIT | DETECTED | PASS/FAIL |
|----------------|--------------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw      | 0.53 Aw  | PASS      |

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY  
APR 08, 2019

| ANALYTE | ACTION LIMIT | DETECTED | PASS/FAIL |
|---------|--------------|----------|-----------|
|         |              |          |           |

REGULATORY COMPLIANCE TESTING

| 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      |

