

CERTIFICATE OF ANALYSIS

PRODUCED: MAR 13, 2020

SAMPLE: FORBIDDEN FRUIT LIVE RESIN (CONCENTRATE) // CLIENT: BLUEGILL COMPANIES // BATCH: PASS



BATCH NO.: BD-101
 MATRIX: CONCENTRATE
 CATEGORY: INHALABLE
 SAMPLE ID: BCL-200305-009
 COLLECTED ON: MAR 05, 2020
 RECEIVED ON: MAR 05, 2020
 BATCH SIZE: 915 UNITS
 SAMPLE SIZE: 14 UNITS
 PACKAGE SIZE: 1 G

CANNABINOID OVERVIEW

TOTAL THC:	72.77746852 %
TOTAL CBD:	0.09725053 %
TOTAL CANNABINOIDS:	85.24999 %

MANUFACTURER INFO

MANUFACTURER
 BLUEGILL INTEGRATED GEOPONICS II, LLC
 22800 GANTT ROAD
 CALIFORNIA CITY, CA 93505
LICENSE
 CDPH-10002906
 ADULT-USE AND MEDICINAL - MANUFACTURING LICENSE

DISTRIBUTOR INFO

DISTRIBUTOR
 BLUEGILL INTEGRATED GEOPONICS II, LLC
 22800 GANTT ROAD
 CALIFORNIA CITY, CA 93505
LICENSE
 C11-0000835-LIC
 ADULT-USE AND MEDICINAL - DISTRIBUTOR LICENSE



BCL-03: CANNABINOID POTENCY BY HPLC-UV // MAR 08, 2020

ANALYTE	AMOUNT	AMOUNT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.06858 %	0.6858 mg/g	0.025/0.1	N/A
CBCA	1.01028 %	10.1028 mg/g	0.025/0.1	N/A
CBD	ND	ND	0.025/0.1	N/A
CBDA	0.11089 %	1.1089 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	0.22374 %	2.2374 mg/g	0.025/0.1	N/A
CBGA	1.13341 %	11.3341 mg/g	0.025/0.1	N/A
CBN	0.03399 %	0.3399 mg/g	0.025/0.1	N/A
Δ ⁸ -THC	ND	ND	0.025/0.1	N/A
Δ ⁹ -THC	4.97944 %	49.7944 mg/g	0.025/0.1	N/A
THCA	77.30676 %	773.0676 mg/g	0.025/0.1	N/A
THCV	ND	ND	0.025/0.1	N/A
THCVA	0.3829 %	3.829 mg/g	0.025/0.1	N/A
TOTAL THC **	72.77747 %	727.7747 mg/g		N/A
TOTAL CBD **	0.09725 %	0.9725 mg/g		N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	49.79 mg		PASS	N/A
TOTAL CBD/PKG **	0.97 mg			N/A
TOTAL THC/PKG **	727.77 mg			N/A

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

BCL-09: TERPENOID TESTING BY HS-GC/FID // MAR 13, 2020

ANALYTE	AMOUNT	AMOUNT	PASS/FAIL
TOTAL TERPENES	4.71395 %	47.1395 mg/g	N/A
β-CARYOPHYLLENE	1.51529 %	15.1529 mg/g	N/A
D-LIMONENE	0.54838 %	5.4838 mg/g	N/A
α-HUMULENE	0.49397 %	4.9397 mg/g	N/A
LINALOOL	0.35083 %	3.5083 mg/g	N/A
α-BISABOLOL	0.19971 %	1.9971 mg/g	N/A
TERPINOLENE	0.19296 %	1.9296 mg/g	N/A
α-PINENE	0.19243 %	1.9243 mg/g	N/A
β-PINENE	0.16526 %	1.6526 mg/g	N/A
GUAIOL	0.12206 %	1.2206 mg/g	N/A
CARYOPHYLLENE OXIDE	0.11376 %	1.1376 mg/g	N/A
β-MYRCENE	0.5989 %	5.989 mg/g	N/A
TRANS-NEROLIDOL	0.09517 %	0.9517 mg/g	N/A
β-OCIMENE	0.07578 %	0.7578 mg/g	N/A
CIS-NEROLIDOL	0.04945 %	0.4945 mg/g	N/A
CAMPHENE	ND	ND	N/A
Δ ³ -CARENE	ND	ND	N/A
γ-TERPINENE	ND	ND	N/A
GERANIOL	ND	ND	N/A
ISOPULEGOL	ND	ND	N/A
α-TERPINENE	ND	ND	N/A
P-CYMENE	ND	ND	N/A
α-OCIMENE	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
 MAR 13, 2020



BCL-13: PESTICIDE TESTING BY GC/MS // MAR 08, 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 // MAR 09, 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
ETOFENPROX	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-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // MAR 09, 2020

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.1/0.47	PASS
ACETONE	5000 µg/g	ND	0.0094/30	PASS
ACETONITRILE	410 µg/g	ND	0.1/30	PASS
BENZENE	1 µg/g	ND	0.12/0.46	PASS
BUTANE	5000 µg/g	ND	0.0075/41	PASS
CHLOROFORM	1 µg/g	ND	0.058/0.48	PASS
ETHANOL	5000 µg/g	ND	0.3/26	PASS
ETHYL ACETATE	5000 µg/g	ND	0.01/30	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.021/0.42	PASS
ETHYL ETHER	5000 µg/g	ND	0.0087/33	PASS
HEPTANE	5000 µg/g	ND	0.0047/31	PASS
HEXANE	290 µg/g	ND	0.0042/34	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	0.08/31	PASS
METHANOL	3000 µg/g	ND	1.7/27	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.026/0.39	PASS
PENTANE	5000 µg/g	ND	0.0033/32	PASS
PROPANE	5000 µg/g	ND	0.09/47.4	PASS
TOLUENE	890 µg/g	ND	0.016/32	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.05/0.45	PASS
O-XYLENE		ND	0.032/22	N/A
P- AND M-XYLENE		ND	0.032/22	N/A
TOTAL XYLENES	2170 µg/g	ND	0.064/45	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // MAR 10, 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	ND	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-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // MAR 06, 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-06: MICROBIOLOGICAL ANALYSIS BY QPCR // MAR 08, 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 // MAR 09, 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



