

CERTIFICATE OF ANALYSIS

* FOR QUALITY ASSURANCE PURPOSES. NOT A CALIFORNIA COMPLIANCE CERTIFICATE.

PRODUCED: JUL 17, 2019

PB HEMP CBD (EDIBLE SOLID) // CLIENT: DR. NORM'S

BATCH RESULT: **PASS**



MATRIX: EDIBLE SOLID
CATEGORY: EDIBLE
SAMPLE ID: BCL-190711-041
COLLECTED ON: JUL 11, 2019
RECEIVED ON: JUL 11, 2019
BATCH SIZE: 2 UNITS
SAMPLE SIZE: 2 UNITS

CBD 15.08 MG/SRV

TOTAL CANNABINOIDS 15.08 MG/SRV



RESULTS CERTIFIED BY: RON BROOKS, M.S.

SCIENTIFIC DIRECTOR, BELCOSTA LABS

JUL 17, 2019



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		0.1879 %	1.879 mg/g	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 *		ND	ND	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		ND	ND	0.025 mg/g	0.1 mg/g	N/A
THCA		ND	ND	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
TOTAL THC <i>(TOTAL THC = (THCA X 0.877) + THC)</i>		ND	ND			N/A
TOTAL CBD <i>(TOTAL CBD = (CBDA X 0.877) + CBD)</i>		0.1879 %	1.879 mg/g			N/A
CBD PER SERVING <i>SERVING: 8025 MILLIGRAMS (1 COOKIE)</i>		15.08 Milligrams				N/A
Δ^9-THC PER SERVING <i>SERVING: 8025 MILLIGRAMS (1 COOKIE)</i>		ND				PASS



CBD PER PACKAGE
PACKAGE: 80253 MILLIGRAMS

150.80 Milligrams

N/A

Δ⁹-THC PER PACKAGE
PACKAGE: 80253 MILLIGRAMS

ND

PASS

* BEYOND SCOPE OF ACCREDITATION

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR

JUL 13, 2019

ANALYTE	ACTION LIMIT	DETECTED	PASS/FAIL
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

JUL 14, 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-13: PESTICIDE TESTING BY GC/MS

JUL 14, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
CAPTAN	5 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	1 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	0.2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

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

JUL 14, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ACEPHATE	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ACEQUINOCYL	4 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
ACETAMIPRID	5 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
AZOXYSTROBIN	40 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BIFENAZATE	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BIFENTHRIN	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BOSCALID	10 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
IMIDACLOPRID	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
KRESOXIM-METHYL	1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
MALATHION	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
METALAXYL	15 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
METHIOCARB	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
METHOMYL	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
MYCLOBUTANIL	9 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
NALED	0.5 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	40 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
CLOFENTEZINE	0.5 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	0.2 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	20 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	1.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
FENHEXAMID	10 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	2 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	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
FLUDIOXONIL	30 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
HEXYTHIAZOX	2 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

OXAMYL	0.2 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	20 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
PHOSMET	0.2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
PIPERONYLBUTOXIDE	8 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
PRALLETHRIN	0.4 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
PROPICONAZOLE	20 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	1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
PYRIDABEN	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPINETORAM	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPINOSAD	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPIROMESIFEN	12 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
SPIROTETRAMAT	13 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	2 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	4.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
TRIFLOXYSTROBIN	30 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS



BCL-04: RESIDUAL SOLVENT ANALYSIS BY HS/GC-FID
 JUL 17, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
ACETONE	5000 µg/g	ND	6 µg/g	15 µg/g	PASS
ACETONITRILE	410 µg/g	ND	3.6 µg/g	6 µg/g	PASS
BENZENE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
BUTANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
CHLOROFORM	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
ETHANOL	5000 µg/g	ND	6 µg/g	15 µg/g	PASS
ETHYL ACETATE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
ETHYL ETHER	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
HEPTANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
HEXANE	290 µg/g	ND	6 µg/g	10 µg/g	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	6 µg/g	15 µg/g	PASS
METHANOL	3000 µg/g	ND	6 µg/g	15 µg/g	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS
PENTANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
PROPANE	5000 µg/g	ND	6 µg/g	10 µg/g	PASS
TOLUENE	890 µg/g	ND	6 µg/g	10 µg/g	PASS



TOTAL XYLENES	2170 µg/g	ND	6 µg/g	10 µg/g	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.6 µg/g	1 µg/g	PASS

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