

# CERTIFICATE OF ANALYSIS

PRODUCED: OCT 03, 2019

GMO (CONCENTRATE) // CLIENT: CLAYBOURNE CO

BATCH RESULT: **PASS**



**BATCH NO.:** 1013  
**MATRIX:** CONCENTRATE  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** BCL-190927-084  
**COLLECTED ON:** SEP 27, 2019  
**RECEIVED ON:** SEP 27, 2019  
**BATCH SIZE:** 961 UNITS  
**SAMPLE SIZE:** 26 UNITS



<b>MICROBIAL</b>	<b>MYCOTOXINS</b>	<b>PESTICIDES</b>	<b>TERPENOIDS</b>
PASS	PASS	PASS	
<b>CANNABINOIDS</b>	<b>HEAVY METALS</b>	<b>FOREIGN MATERIALS</b>	<b>RESIDUAL SOLVENTS</b>
PASS	PASS	PASS	PASS

**MANUFACTURER**  
 RICH CANNABIS CO.  
 18776 BLUE DREAM CROSSING  
 DESERT HOT SPRINGS, CA 92240

**LICENSE**  
 CDPH-10003086

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

**DISTRIBUTOR**  
 CI DISTRIBUTION LLC  
 5055 WESTERN WAY  
 PERRIS, CA 92571

**LICENSE**  
 C11-0000032-LIC

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

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

OCT 03, 2019



BCL-03: CANNABINOID POTENCY BY HPLC-UV  
SEP 30, 2019



ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	LOD	LOQ	PASS/FAIL
CBC		0.06 %	0.6 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBCA		0.73991 %	7.3991 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
CBD A		0.3082 %	3.082 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		0.3373 %	3.373 mg/g	0.025 mg/g	0.1 mg/g	N/A
CBGA		1.99072 %	19.9072 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		5.75658 %	57.5658 mg/g	0.025 mg/g	0.1 mg/g	N/A
THCA		73.38153 %	733.8153 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		0.5191 %	5.191 mg/g	0.025 mg/g	0.1 mg/g	N/A
<b>TOTAL THC</b> <i>(TOTAL THC = (THCA X 0.877) + THC)</i>		70.11218 %	701.1218 mg/g			N/A
<b>TOTAL CBD</b> <i>(TOTAL CBD = (CBDA X 0.877) + CBD)</i>		0.27029 %	2.7029 mg/g			N/A
<b>CBD PER PACKAGE</b> <i>PACKAGE: 500 MILLIGRAMS</i>		ND				N/A
<b><math>\Delta^9</math>-THC PER PACKAGE</b> <i>PACKAGE: 500 MILLIGRAMS</i>		28.78 Milligrams				PASS



**TOTAL THC PER PACKAGE**  
PACKAGE: 500 MILLIGRAMS

350.56 Milligrams

PASS

BCL-09: TERPENOID TESTING BY HS-GC/FID  
OCT 01, 2019

ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	PASS/FAIL
TOTAL TERPENES		5.94969 %	59.4969 mg/g	N/A
$\beta$ -CARYOPHYLLENE		1.75262 %	17.5262 mg/g	N/A
D-LIMONENE		1.5309 %	15.309 mg/g	N/A
$\beta$ -PINENE		0.86875 %	8.6875 mg/g	N/A
$\alpha$ -HUMULENE		0.66726 %	6.6726 mg/g	N/A
$\beta$ -MYRCENE		0.40256 %	4.0256 mg/g	N/A
LINALOOL		0.2502 %	2.502 mg/g	N/A
$\alpha$ -PINENE		0.22768 %	2.2768 mg/g	N/A
$\alpha$ -BISABOLOL		0.12512 %	1.2512 mg/g	N/A
CAMPHENE		0.07435 %	0.7435 mg/g	N/A
TERPINOLENE		0.05025 %	0.5025 mg/g	N/A
P-CYMENE		ND	ND	N/A
$\gamma$ -TERPINENE		ND	ND	N/A
CIS-NEROLIDOL		ND	ND	N/A
$\beta$ -OCIMENE		ND	ND	N/A
1,8-CINEOLE		ND	ND	N/A



<b>α-TERPINENE</b>	ND	ND	N/A
<b>α-OCIMENE</b>	ND	ND	N/A
<b>ISOPULEGOL</b>	ND	ND	N/A
<b>GUAIOL</b>	ND	ND	N/A
<b>GERANIOL</b>	ND	ND	N/A
<b>Δ<sup>3</sup>-CARENE</b>	ND	ND	N/A
<b>TRANS-NEROLIDOL</b>	ND	ND	N/A

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR  
SEP 30, 2019



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

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS  
SEP 30, 2019

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

## BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI SEP 30, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
<b>ABAMECTIN</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ACEPHATE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ACEQUINOCYL</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ACETAMIPRID</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ALDICARB</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>AZOXYSTROBIN</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>BIFENAZATE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>BIFENTHRIN</b>	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>BOSCALID</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>CARBARYL</b>	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
<b>IMAZALIL</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>IMIDACLOPRID</b>	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>KRESOXIM-METHYL</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>MALATHION</b>	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>METALAXYL</b>	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>METHIOCARB</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>METHOMYL</b>	1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>MEVINPHOS</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>MYCLOBUTANIL</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>NALED</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS



# REGULATORY COMPLIANCE TESTING

<b>CARBOFURAN</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>CHLORANTRANIL- IPROLE</b>	10 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>CLOFENTEZINE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>COUMAPHOS</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>DAMINOZIDE</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>DIAZINON</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>DIMETHOATE</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>DIMETHOMORPH</b>	2 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ETHOPROPHOS</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ETOFENPROX</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>ETOXAZOLE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>FENHEXAMID</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>FENOXYCARB</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>FENPYROXIMATE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>FIPRONIL</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>FLONICAMID</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>FLUDIOXONIL</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>HEXYTHIAZOX</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

<b>OXAMYL</b>	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PACLOBUTRAZOL</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PERMETHRIN</b>	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PHOSMET</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PIPERONYLBUTO- XIDE</b>	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PRALLETHRIN</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PROPICONAZOLE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PROPOXUR</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PYRETHRINS</b>	0.5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>PYRIDABEN</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>SPINOSAD</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>SPIROMESIFEN</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>SPIROTETRAMAT</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>SPIROXAMINE</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>TEBUCONAZOLE</b>	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>THIACLOPRID</b>	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
<b>THIAMETHOXAM</b>	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
<b>TRIFLOXYSTROB- IN</b>	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
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-10: HEAVY METAL TESTING BY ICP-MS OCT 03, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ARSENIC	0.2 µg/g	0.03 µg/g	0.004 µg/g	0.011 µg/g	PASS
CADMIUM	0.2 µg/g	ND	0.004 µg/g	0.011 µg/g	PASS
LEAD	0.5 µg/g	0.055 µg/g	0.006 µg/g	0.019 µg/g	PASS
MERCURY	0.1 µg/g	ND	0.004 µg/g	0.013 µg/g	PASS

## BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY SEP 28, 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

BCL-04: RESIDUAL SOLVENT ANALYSIS BY HS/GC-FID  
OCT 02, 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	59 µg/g	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





# REGULATORY COMPLIANCE TESTING

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

