

CERTIFICATE OF ANALYSIS

PRODUCED: JUL 15, 2019

CHEM DAWG (CONCENTRATE) // CLIENT: CLAYBOURNE CO

BATCH RESULT: **PASS**

BATCH NO.: 1009
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: BCL-190710-017
COLLECTED ON: JUL 10, 2019
RECEIVED ON: JUL 10, 2019
BATCH SIZE: 1092 UNITS
SAMPLE SIZE: 14 UNITS

DELTA-9-THC 30.86 %

THCA 12.74 %

TOTAL CANNABINOIDS 43.6 %



MICROBIAL
PASS



MYCOTOXINS
PASS



PESTICIDES
PASS



TERPENOIDS



CANNABINOIDS



HEAVY METALS
PASS



FOREIGN MATERIALS
PASS



RESIDUAL SOLVENTS
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.

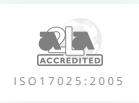
RESULTS CERTIFIED BY: RON BROOKS, M.S.

SCIENTIFIC DIRECTOR, BELCOSTA LABS

JUL 15, 2019




BCL-03: CANNABINOID POTENCY BY HPLC-UV
 JUL 12, 2019



ANALYTE	LABELLED 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 *		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		30.85676 %	308.5676 mg/g	0.025 mg/g	0.1 mg/g	N/A
THCA		12.74127 %	127.4127 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
TOTAL THC <i>(TOTAL THC = (THCA X 0.877) + THC)</i>		42.03085 %	420.3085 mg/g			N/A
TOTAL CBD <i>(TOTAL CBD = (CBDA X 0.877) + CBD)</i>		ND	ND			N/A

* BEYOND SCOPE OF ACCREDITATION



BCL-09: TERPENOID TESTING BY HS-GC/FID
 JUL 14, 2019

ANALYTE	LABELED AMOUNT	DETECTED	DETECTED	PASS/FAIL
TOTAL TERPENES		3.85114 %	38.5114 mg/g	N/A
β -CARYOPHYLLENE		1.75862 %	17.5862 mg/g	N/A
α -HUMULENE		0.71297 %	7.1297 mg/g	N/A
CIS-NEROLIDOL		0.50522 %	5.0522 mg/g	N/A
α -BISABOLOL		0.28197 %	2.8197 mg/g	N/A
D-LIMONENE		0.22313 %	2.2313 mg/g	N/A
β -PINENE		0.11916 %	1.1916 mg/g	N/A
β -MYRCENE		0.10699 %	1.0699 mg/g	N/A
GERANIOL		0.07419 %	0.7419 mg/g	N/A
α -PINENE		0.06889 %	0.6889 mg/g	N/A
P-CYMENE		ND	ND	N/A
γ -TERPINENE		ND	ND	N/A
β -OCIMENE		ND	ND	N/A
1,8-CINEOLE		ND	ND	N/A
α -TERPINENE		ND	ND	N/A
CAMPHENE		ND	ND	N/A
α -OCIMENE		ND	ND	N/A
TERPINOLENE		ND	ND	N/A



LINALOOL	ND	ND	N/A
ISOPULEGOL	ND	ND	N/A
GUAIOL	ND	ND	N/A
Δ^3 -CARENE	ND	ND	N/A
TRANS-NEROLIDOL	ND	ND	N/A

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR
 JUL 12, 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
 JUL 15, 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 12, 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 JUL 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



REGULATORY COMPLIANCE TESTING

ACEQUINOCYL	0.1 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
ALDICARB	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
BIFENAZATE	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BIFENTHRIN	3 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
BOSCALID	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
CARBOFURAN	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
CLOFENTEZINE	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
DAMINOZIDE	Any amount	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
DIMETHOATE	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
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	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
FENOXYCARB	Any amount	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
METALAXYL	2 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	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	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
OXAMYL	0.5 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	0.5 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
PIPERONYLBUTOXIDE	3 µg/g	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
PROPICONAZOLE	0.1 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	0.5 µg/g	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
SPINETORAM	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
SPIROMESIFEN	0.1 µg/g	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



REGULATORY COMPLIANCE TESTING

FENPYROXIMATE	0.1 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	0.1 µg/g	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
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

SPIROXAMINE	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
THIACLOPRID	Any amount	ND	0.03 µg/g	0.05 µg/g	PASS
THIAMETHOXAM	5 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS
TRIFLOXYSTROBIN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

BCL-10: HEAVY METAL TESTING BY ICP-MS JUL 15, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ARSENIC	0.2 µg/g	0.056 µg/g	0.000353 µg/g	0.001069 µg/g	PASS
CADMIUM	0.2 µg/g	0.018 µg/g	0.000357 µg/g	0.001082 µg/g	PASS
LEAD	0.5 µg/g	0.479 µg/g	0.000638 µg/g	0.001933 µg/g	PASS
MERCURY	0.1 µg/g	0.005 µg/g	0.000412 µg/g	0.001251 µg/g	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY JUL 11, 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

JUL 15, 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



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

