

CERTIFICATE OF ANALYSIS

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

PRODUCED: OCT 07, 2020

SAMPLE: CBD GEL CAPSULES (CONCENTRATE) // CLIENT: KUSHY CBD // BATCH: PASS



MATRIX: CONCENTRATE
 CATEGORY: OTHER
 SAMPLE ID: BCL-201001-045
 COLLECTED ON: OCT 01, 2020
 RECEIVED ON: OCT 01, 2020
 BATCH SIZE: 14 UNITS
 SAMPLE SIZE: 14 UNITS
 SERVING SIZE: 0.6527 G

CANNABINOID OVERVIEW

Δ^9 -THC PER SERVING:	0.91 mg
CBD PER SERVING:	31.2 mg
TOTAL CANNABINOIDS:	35.47 mg



BCL-03: CANNABINOID POTENCY BY HPLC-UV // OCT 05, 2020

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.20237 %	2.0237	mg/g	0.00113/0.02559	N/A
CBCA	0.00408 %	0.0408	mg/g	0.00322/0.02559	N/A
CBD	4.77942 %	47.7942	mg/g	0.00159/0.02559	N/A
CBDA	0.19068 %	1.9068	mg/g	0.00082/0.02559	N/A
CBDV	0.02223 %	0.2223	mg/g	0.00123/0.02559	N/A
CBDVA	< LOQ	< LOQ		0.00082/0.02559	N/A
CBG	0.07792 %	0.7792	mg/g	0.00148/0.02559	N/A
CBGA	0.00340 %	0.0340	mg/g	0.00102/0.02559	N/A
CBN	0.01545 %	0.1545	mg/g	0.00082/0.02559	N/A
Δ^8 -THC	ND	ND		0.00297/0.02559	N/A
Δ^9 -THC	0.13954 %	1.3954	mg/g	0.00215/0.02559	N/A
THCA	ND	ND		0.00154/0.02559	N/A
THCV	ND	ND		0.00169/0.02559	N/A
THCVA	ND	ND		0.00118/0.02559	N/A
TOTAL THC **	0.13954 %	1.3954	mg/g		N/A
TOTAL CBD **	4.94665 %	49.4665	mg/g		N/A
CBD/SRV	31.20 mg				N/A
Δ^9 -THC/SRV	0.91 mg				N/A
TOTAL CBD/SRV **	32.29 mg				N/A
TOTAL THC/SRV **	0.91 mg				N/A

TERPENOID TESTING BY HS-GC/FID

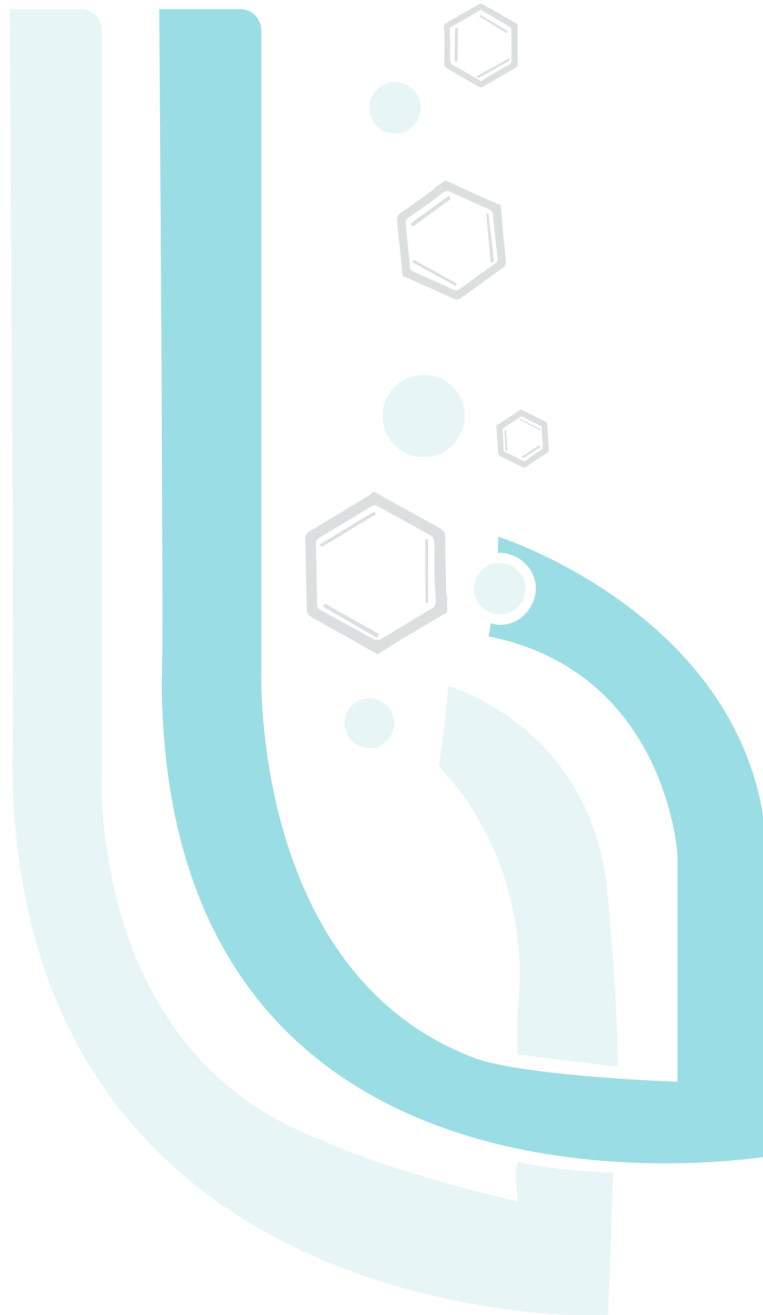
ANALYTE	AMT	AMT	LOD/LOQ	PASS/FAIL
TOTAL TERPENES	ND	ND		N/A
α -PINENE	NT	NT		N/A
CAMPHENE	NT	NT		N/A
β -PINENE	NT	NT		N/A
β -MYRCENE	NT	NT		N/A
Δ^3 -CARENE	NT	NT		N/A
α -TERPINENE	NT	NT		N/A
D-LIMONENE	NT	NT		N/A
P-CYMENE	NT	NT		N/A
α -OCIMENE	NT	NT		N/A
β -OCIMENE	NT	NT		N/A
γ -TERPINENE	NT	NT		N/A
TERPINOLENE	NT	NT		N/A
LINALOOL	NT	NT		N/A
ISOPULEGOL	NT	NT		N/A
GERANIOL	NT	NT		N/A
β -CARYOPHYLLENE	NT	NT		N/A
α -HUMULENE	NT	NT		N/A
CIS-NEROLIDOL	NT	NT		N/A
TRANS-NEROLIDOL	NT	NT		N/A
GUAIOL	NT	NT		N/A
α -BISABOLOL	NT	NT		N/A
1,8-CINEOLE	NT	NT		N/A

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



RESULTS CERTIFIED BY: RON BROOKS, M.S.
LABORATORY DIRECTOR, BELCOSTA LABS
OCT 07, 2020

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



BCL-13: PESTICIDE TESTING BY GC/MS // OCT 07, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.00463/0.06	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.0012/0.00744	N/A
CHLORDANE TRANS		ND	0.00085/0.00798	N/A
CHLORFENAPYR	Any amt	ND	0.01863/0.06	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.0087/0.06	PASS
DICHLORVOS	Any amt	ND	0.00168/0.06	PASS
METHYL PARATHION	Any amt	ND	0.00135/0.06	PASS
PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.0107/0.06	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // OCT 04, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.03/0.05	PASS
ACEPHATE	5 µg/g	ND	0.03/0.05	PASS
ACEQUINOCYL	4 µg/g	ND	0.03/0.05	PASS
ACETAMIPRID	5 µg/g	ND	0.03/0.05	PASS
ALDICARB	Any amt	ND	0.03/0.05	PASS
AZOXYSTROBIN	40 µg/g	ND	0.03/0.05	PASS
BIFENAZATE	5 µg/g	ND	0.03/0.05	PASS
BIFENTHRIN	0.5 µg/g	ND	0.03/0.05	PASS
BOSCALID	10 µg/g	ND	0.03/0.05	PASS
CARBARYL	0.5 µg/g	ND	0.03/0.05	PASS
CARBOFURAN	Any amt	ND	0.03/0.05	PASS
CHLORANTRANIL-IPROLE	40 µg/g	ND	0.03/0.05	PASS
CLOFENTEZINE	0.5 µg/g	ND	0.03/0.05	PASS
COUMAPHOS	Any amt	ND	0.03/0.05	PASS
CYFLUTHRIN	1 µg/g	ND	0.03/0.05	PASS
CYPERMETHRIN	1 µg/g	ND	0.03/0.05	PASS
DAMINOZIDE	Any amt	ND	0.03/0.05	PASS
DIAZINON	0.2 µg/g	ND	0.03/0.05	PASS
DIMETHOATE	Any amt	ND	0.03/0.05	PASS
DIMETHOMORPH	20 µg/g	ND	0.03/0.05	PASS
ETHOPROPHOS	Any amt	ND	0.03/0.05	PASS
ETOFENPROX	Any amt	ND	0.03/0.05	PASS
ETOXAZOLE	1.5 µg/g	ND	0.03/0.05	PASS
FENHEXAMID	10 µg/g	ND	0.03/0.05	PASS
FENOXYCARB	Any amt	ND	0.03/0.05	PASS
FENPYROXIMATE	2 µg/g	ND	0.03/0.05	PASS
FIPRONIL	Any amt	ND	0.03/0.05	PASS
FLONICAMID	2 µg/g	ND	0.03/0.05	PASS
FLUDIOXONIL	30 µg/g	ND	0.03/0.05	PASS
HEXYTHIAZOX	2 µg/g	ND	0.03/0.05	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
IMAZALIL	Any amt	ND	0.03/0.05	PASS
IMIDACLOPRID	3 µg/g	ND	0.03/0.05	PASS
KRESOXIM-METHYL	1 µg/g	ND	0.03/0.05	PASS
MALATHION	5 µg/g	ND	0.03/0.05	PASS
METALAXYL	15 µg/g	ND	0.03/0.05	PASS
METHIOCARB	Any amt	ND	0.03/0.05	PASS
METHOMYL	0.1 µg/g	ND	0.03/0.05	PASS
MEVINPHOS	Any amt	ND	0.03/0.05	PASS
MYCLOBUTANIL	9 µg/g	ND	0.03/0.05	PASS
NALED	0.5 µg/g	ND	0.03/0.05	PASS
OXAMYL	0.2 µg/g	ND	0.03/0.05	PASS
PACLOBUTRAZOL	Any amt	ND	0.03/0.05	PASS
PERMETHRIN	20 µg/g	ND	0.03/0.05	PASS
PHOSMET	0.2 µg/g	ND	0.03/0.05	PASS
PIPERONYLBUTOXIDE	8 µg/g	ND	0.03/0.05	PASS
PRALLETHRIN	0.4 µg/g	ND	0.03/0.05	PASS
PROPICONAZOLE	20 µg/g	ND	0.03/0.05	PASS
PROPOXUR	Any amt	ND	0.03/0.05	PASS
PYRETHRINS	1 µg/g	ND	0.03/0.05	PASS
PYRIDABEN	3 µg/g	ND	0.03/0.05	PASS
SPINETORAM	3 µg/g	ND	0.03/0.05	PASS
SPINOSAD	3 µg/g	ND	0.03/0.05	PASS
SPIROMESIFEN	12 µg/g	ND	0.03/0.05	PASS
SPIROTETRAMAT	13 µg/g	ND	0.03/0.05	PASS
SPIROXAMINE	Any amt	ND	0.03/0.05	PASS
TEBUCONAZOLE	2 µg/g	ND	0.03/0.05	PASS
THIACLOPRID	Any amt	ND	0.03/0.05	PASS
THIAMETHOXAM	4.5 µg/g	ND	0.03/0.05	PASS
TRIFLOXYSTROBIN	30 µg/g	ND	0.03/0.05	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // OCT 05, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.1/0.4688	PASS
ACETONE	5000 µg/g	< LOQ	0.015/46.88	PASS
ACETONITRILE	410 µg/g	ND	0.16/46.88	PASS
BENZENE	1 µg/g	ND	0.13/0.4688	PASS
BUTANE	5000 µg/g	< LOQ	0.0086/46.88	PASS
CHLOROFORM	1 µg/g	ND	0.057/0.4688	PASS
ETHANOL	5000 µg/g	ND	0.54/46.88	PASS
ETHYL ACETATE	5000 µg/g	ND	0.015/46.88	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.023/0.4688	PASS
ETHYL ETHER	5000 µg/g	ND	0.013/46.88	PASS
HEPTANE	5000 µg/g	ND	0.007/46.88	PASS
HEXANE	290 µg/g	< LOQ	0.0058/46.88	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	0.12/46.88	PASS
METHANOL	3000 µg/g	ND	3/46.88	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.032/0.4688	PASS
PENTANE	5000 µg/g	< LOQ	0.0049/46.88	PASS
PROPANE	5000 µg/g	ND	0.089/46.88	PASS
TOLUENE	890 µg/g	ND	0.024/46.88	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.051/0.4688	PASS
O-XYLENE		ND	0.034/23.44	N/A
P- AND M-XYLENE		ND	0.034/23.44	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // OCT 03, 2020

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5 µg/g	< LOQ	0.001/0.05	PASS
CADMIUM	0.5 µg/g	ND	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	0.0003/0.05	PASS
MERCURY	3 µg/g	ND	0.0001/0.01	PASS

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BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // OCT 02, 2020

ANALYTE	LIMIT	AMT (%)	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-11: MYCOTOXIN TESTING BY LC-MS/MS // OCT 04, 2020

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	0.23/4	N/A
AFLATOXIN B2		ND	0.181/4	N/A
AFLATOXIN G1		ND	0.155/4	N/A
AFLATOXIN G2		ND	0.934/4	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.385/4	PASS

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // OCT 03, 2020

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

