

CERTIFICATE OF ANALYSIS

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

PRODUCED: NOV 14, 2019

A (ISOLATE) // CLIENT: SHO LABS

BATCH RESULT: **PASS**



MATRIX: ISOLATE
CATEGORY: INHALABLE
SAMPLE ID: BCL-191107-055
COLLECTED ON: NOV 07, 2019
RECEIVED ON: NOV 07, 2019
BATCH SIZE: 15 GRAMS
SAMPLE SIZE: 15 GRAMS

CBD	95.58 %
CBDV	0.37 %
TOTAL CANNABINOIDS	95.95 %



MICROBIAL
PASS



MYCOTOXINS
PASS



PESTICIDES
PASS



CANNABINOIDS



HEAVY METALS
PASS



FOREIGN MATERIALS
PASS



RESIDUAL SOLVENTS
PASS



RESULTS CERTIFIED BY: RON BROOKS, M.S.

SCIENTIFIC DIRECTOR, BELCOSTA LABS

NOV 14, 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		95.57679 %	955.7679 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		0.37033 %	3.7033 mg/g	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>		95.57679 %	955.7679 mg/g			N/A



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
NOV 11, 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-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI
 NOV 11, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ABAMECTIN	0.1 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
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

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
IMIDACLOPRID	5 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
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



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
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

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
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
TRIFLOXYSTROB- IN	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS

BCL-13: PESTICIDE TESTING BY GC/MS

NOV 11, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
CAPTAN	0.7 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	2 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	0.1 µg/g	ND	0.03 µg/g	0.05 µg/g	PASS



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

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
ARSENIC	0.2 µg/g	ND	0.004 µg/g	0.02 µg/g	PASS
CADMIUM	0.2 µg/g	ND	0.004 µg/g	0.02 µg/g	PASS
LEAD	0.5 µg/g	0.048 µg/g	0.004 µg/g	0.02 µg/g	PASS
MERCURY	0.1 µg/g	ND	0.001 µg/g	0.004 µg/g	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY
 NOV 08, 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-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS
 NOV 13, 2019

ANALYTE	ACTION LIMIT	DETECTED	LOD	LOQ	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.1 µg/g	0.47 µg/g	PASS
ACETONE	5000 µg/g	ND	0.0094 µg/g	30 µg/g	PASS
ACETONITRILE	410 µg/g	ND	0.1 µg/g	30 µg/g	PASS
BENZENE	1 µg/g	ND	0.12 µg/g	0.46 µg/g	PASS
BUTANE	5000 µg/g	ND	0.0075 µg/g	41 µg/g	PASS
CHLOROFORM	1 µg/g	ND	0.058 µg/g	0.48 µg/g	PASS
ETHANOL	5000 µg/g	ND	0.3 µg/g	26 µg/g	PASS
ETHYL ACETATE	5000 µg/g	ND	0.01 µg/g	30 µg/g	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.021 µg/g	0.42 µg/g	PASS
ETHYL ETHER	5000 µg/g	ND	0.0087 µg/g	33 µg/g	PASS
HEPTANE	5000 µg/g	ND	0.0047 µg/g	31 µg/g	PASS
HEXANE	290 µg/g	ND	0.0042 µg/g	34 µg/g	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	0.08 µg/g	31 µg/g	PASS
METHANOL	3000 µg/g	ND	1.7 µg/g	27 µg/g	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.026 µg/g	0.39 µg/g	PASS
PENTANE	5000 µg/g	769.195 µg/g	0.0033 µg/g	32 µg/g	PASS
PROPANE	5000 µg/g	ND	0.09 µg/g	47.4 µg/g	PASS
TOLUENE	890 µg/g	ND	0.016 µg/g	32 µg/g	PASS



TRICHLOROETHY- LENE	1 µg/g	ND	0.05 µg/g	0.45 µg/g	PASS
O-XYLENE		ND	0.045 µg/g	32 µg/g	N/A
P- AND M-XYLENE		ND	0.046 µg/g	32 µg/g	N/A
TOTAL XYLENES	2170 µg/g	ND			PASS

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

