

# CERTIFICATE OF ANALYSIS

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

PRODUCED: SEP 16, 2020

SAMPLE: 1500 BROAD SPECTRUM TINCTURE MINT (TINCTURE) // CLIENT: JUST LIVE // BATCH: PASS



BATCH NO.: TN03H2001  
 MATRIX: TINCTURE  
 DENSITY: 0.9415 g/ml  
 CATEGORY: OTHER  
 SAMPLE ID: BCL-200909-093  
 COLLECTED ON: SEP 09, 2020  
 RECEIVED ON: SEP 09, 2020  
 BATCH SIZE: 2 UNITS  
 SAMPLE SIZE: 2 UNITS  
 PACKAGE SIZE: 28.245 G

## CANNABINOID OVERVIEW

TOTAL THC:	0 %
TOTAL CBD:	5.18287 %
TOTAL CANNABINOIDS:	5.30673 %



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // SEP 14, 2020

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC		0.01071 %	0.1071 mg/g	0.00219/0.04985	N/A
CBCA		ND	ND	0.00628/0.04985	N/A
CBD		5.18287 %	51.8287 mg/g	0.00309/0.04985	N/A
CBDA		ND	ND	0.0016/0.04985	N/A
CBDV		0.02164 %	0.2164 mg/g	0.00239/0.04985	N/A
CBDVA		0.01493 %	0.1493 mg/g	0.0016/0.04985	N/A
CBG		0.06085 %	0.6085 mg/g	0.00289/0.04985	N/A
CBGA		ND	ND	0.00199/0.04985	N/A
CBN		0.01573 %	0.1573 mg/g	0.0016/0.04985	N/A
Δ <sup>8</sup> -THC		ND	ND	0.00578/0.04985	N/A
Δ <sup>9</sup> -THC		ND	ND	0.00419/0.04985	N/A
THCA		ND	ND	0.00299/0.04985	N/A
THCV		ND	ND	0.00329/0.04985	N/A
THCVA		ND	ND	0.00229/0.04985	N/A
TOTAL THC **		ND	ND		N/A
TOTAL CBD **		5.18287 %	51.8287 mg/g		N/A
CBD/PKG		1463.90 mg			N/A
Δ <sup>9</sup> -THC/PKG		ND			PASS

## 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 <sup>3</sup> -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  
 SEP 16, 2020



**BCL-13: PESTICIDE TESTING BY GC/MS // SEP 15, 2020**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.03/0.05	PASS
CHLORDANE	Any amt	ND	0.03/0.05	PASS
CHLORFENAPYR	Any amt	ND	0.03/0.05	PASS
CHLORPYRIFOS	Any amt	ND	0.03/0.05	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
DICHLORVOS	Any amt	ND	0.03/0.05	PASS
METHYL PARATHION	Any amt	ND	0.03/0.05	PASS
PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.03/0.05	PASS

**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // SEP 15, 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
PIPERONYLBUTO-XIDE	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
TRIFLOXYSTROB-IN	30 µg/g	ND	0.03/0.05	PASS



**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // SEP 13, 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	< LOQ	0.16/46.88	PASS
BENZENE	1 µg/g	ND	0.13/0.4688	PASS
BUTANE	5000 µg/g	ND	0.0086/46.88	PASS
CHLOROFORM	1 µg/g	ND	0.057/0.4688	PASS
ETHANOL	5000 µg/g	2,386.269	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	< LOQ	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 // SEP 16, 2020**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5 µg/g	ND	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

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

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // SEP 12, 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 // SEP 15, 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 // SEP 11, 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

