

CERTIFICATE OF ANALYSIS

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

PRODUCED: AUG 20, 2020

SAMPLE: TKO EXTRACTS BISCOTTI (CONCENTRATE) // CLIENT: ANONYMOUS // BATCH: PASS



BATCH NO.: TKO EXTRACTS BISCOTTI
MATRIX: CONCENTRATE
CATEGORY: INHALABLE
SAMPLE ID: BCL-200709-121
COLLECTED ON: JUL 10, 2020
RECEIVED ON: JUL 10, 2020
BATCH SIZE: 2 UNITS
SAMPLE SIZE: 2 UNITS

CANNABINOID OVERVIEW

TOTAL THC:	92.74455 %
TOTAL CBD:	0.21545 %
TOTAL CANNABINOIDS:	97.4506 %



BCL-03: CANNABINOID POTENCY BY HPLC-UV // AUG 20, 2020

ANALYTE	LIMIT	AMOUNT	AMOUNT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	1.16721 %	11.6721 mg/g	0.025/0.1	N/A	
CBCA	ND	ND	0.025/0.1	N/A	
CBD	0.22388 %	2.2388 mg/g	0.025/0.1	N/A	
CBDA	ND	ND	0.025/0.1	N/A	
CBDV	ND	ND	0.025/0.1	N/A	
CBDVA	ND	ND	0.025/0.1	N/A	
CBG	1.85509 %	18.5509 mg/g	0.025/0.1	N/A	
CBGA	ND	ND	0.025/0.1	N/A	
CBN	1.88289 %	18.8289 mg/g	0.025/0.1	N/A	
Δ ⁸ -THC	ND	ND	0.025/0.1	N/A	
Δ ⁹ -THC	93.67503 %	936.7503 mg/g	0.025/0.1	N/A	
THCA	ND	ND	0.025/0.1	N/A	
THCV	0.55628 %	5.5628 mg/g	0.025/0.1	N/A	
THCVA	ND	ND	0.025/0.1	N/A	
TOTAL THC **	93.67503 %	936.7503 mg/g	N/A		
TOTAL CBD **	0.22388 %	2.2388 mg/g	N/A		

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

BCL-03: CANNABINOID POTENCY BY HPLC-UV // AUG 20, 2020

ANALYTE	LIMIT	AMOUNT	AMOUNT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.9398 %	9.398 mg/g	0.025/0.1	N/A	
CBCA	ND	ND	0.025/0.1	N/A	
CBD	0.21545 %	2.1545 mg/g	0.025/0.1	N/A	
CBDA	ND	ND	0.025/0.1	N/A	
CBDV	ND	ND	0.025/0.1	N/A	
CBDVA	ND	ND	0.025/0.1	N/A	
CBG	2.25614 %	22.5614 mg/g	0.025/0.1	N/A	
CBGA	ND	ND	0.025/0.1	N/A	
CBN	1.00198 %	10.0198 mg/g	0.025/0.1	N/A	

TERPENOID TESTING BY HS-GC/FID

ANALYTE	AMOUNT	AMOUNT	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

Δ^8 -THC	ND	ND	0.025/0.1	N/A
Δ^9 -THC	92.74455 %	927.4455 mg/g	0.025/0.1	N/A
THCA	ND	ND	0.025/0.1	N/A
THCV	0.21842 %	2.1842 mg/g	0.025/0.1	N/A
THCVA	0.07426 %	0.7426 mg/g	0.025/0.1	N/A
TOTAL THC **	92.74455 %	927.4455 mg/g		N/A
TOTAL CBD **	0.21545 %	2.1545 mg/g		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
 AUG 20, 2020



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

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	0.7 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	AMOUNT (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	0.1 µg/g	ND	0.03/0.05	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // JUL 13, 2020

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.1 µg/g	ND	0.03/0.05	PASS
ACEPHATE	0.1 µg/g	ND	0.03/0.05	PASS
ACEQUINOCYL	0.1 µg/g	ND	0.03/0.05	PASS
ACETAMIPRID	0.1 µg/g	ND	0.03/0.05	PASS
ALDICARB	Any amt	ND	0.03/0.05	PASS
AZOXYSTROBIN	0.1 µg/g	ND	0.03/0.05	PASS
BIFENAZATE	0.1 µg/g	ND	0.03/0.05	PASS
BIFENTHRIN	3 µg/g	ND	0.03/0.05	PASS
BOSCALID	0.1 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	10 µg/g	ND	0.03/0.05	PASS
CLOFENTEZINE	0.1 µg/g	ND	0.03/0.05	PASS
COUMAPHOS	Any amt	ND	0.03/0.05	PASS
CYFLUTHRIN	2 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	0.1 µg/g	ND	0.03/0.05	PASS
DIMETHOATE	Any amt	ND	0.03/0.05	PASS
DIMETHOMORPH	2 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	0.1 µg/g	ND	0.03/0.05	PASS
FENHEXAMID	0.1 µg/g	ND	0.03/0.05	PASS
FENOXYCARB	Any amt	ND	0.03/0.05	PASS
FENPYROXIMATE	0.1 µg/g	ND	0.03/0.05	PASS
FIPRONIL	Any amt	ND	0.03/0.05	PASS
FLONICAMID	0.1 µg/g	ND	0.03/0.05	PASS
FLUDIOXONIL	0.1 µg/g	ND	0.03/0.05	PASS
HEXYTHIAZOX	0.1 µg/g	ND	0.03/0.05	PASS

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
IMAZALIL	Any amt	ND	0.03/0.05	PASS
IMIDACLOPRID	5 µg/g	ND	0.03/0.05	PASS
KRESOXIM-METHYL	0.1 µg/g	ND	0.03/0.05	PASS
MALATHION	0.5 µg/g	ND	0.03/0.05	PASS
METALAXYL	2 µg/g	ND	0.03/0.05	PASS
METHIOCARB	Any amt	ND	0.03/0.05	PASS
METHOMYL	1 µg/g	ND	0.03/0.05	PASS
MEVINPHOS	Any amt	ND	0.03/0.05	PASS
MYCLOBUTANIL	0.1 µg/g	0.0893	0.03/0.05	PASS
NALED	0.1 µg/g	ND	0.03/0.05	PASS
OXAMYL	0.5 µg/g	ND	0.03/0.05	PASS
PACLOBUTRAZOL	Any amt	ND	0.03/0.05	PASS
PERMETHRIN	0.5 µg/g	ND	0.03/0.05	PASS
PHOSMET	0.1 µg/g	ND	0.03/0.05	PASS
PIPERONYLBUTO-XIDE	3 µg/g	ND	0.03/0.05	PASS
PRALLETHRIN	0.1 µg/g	ND	0.03/0.05	PASS
PROPICONAZOLE	0.1 µg/g	ND	0.03/0.05	PASS
PROPOXUR	Any amt	ND	0.03/0.05	PASS
PYRETHRINS	0.5 µg/g	ND	0.03/0.05	PASS
PYRIDABEN	0.1 µg/g	ND	0.03/0.05	PASS
SPINETORAM	0.1 µg/g	ND	0.03/0.05	PASS
SPINOSAD	0.1 µg/g	ND	0.03/0.05	PASS
SPIROMESIFEN	0.1 µg/g	ND	0.03/0.05	PASS
SPIROTETRAMAT	0.1 µg/g	ND	0.03/0.05	PASS
SPIROXAMINE	Any amt	ND	0.03/0.05	PASS
TEBUCONAZOLE	0.1 µg/g	ND	0.03/0.05	PASS
THIACLOPRID	Any amt	ND	0.03/0.05	PASS
THIAMETHOXAM	5 µg/g	ND	0.03/0.05	PASS
TRIFLOXYSTROB-IN	0.1 µg/g	ND	0.03/0.05	PASS



BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // JUL 13, 2020

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.1/0.47	PASS
ACETONE	5000 µg/g	ND	0.0094/30	PASS
ACETONITRILE	410 µg/g	ND	0.1/30	PASS
BENZENE	1 µg/g	ND	0.12/0.46	PASS
BUTANE	5000 µg/g	ND	0.0075/41	PASS
CHLOROFORM	1 µg/g	ND	0.058/0.48	PASS
ETHANOL	5000 µg/g	< LOQ	0.3/26	PASS
ETHYL ACETATE	5000 µg/g	ND	0.01/30	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.021/0.42	PASS
ETHYL ETHER	5000 µg/g	ND	0.0087/33	PASS
HEPTANE	5000 µg/g	ND	0.0047/31	PASS
HEXANE	290 µg/g	< LOQ	0.0042/34	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	0.08/31	PASS
METHANOL	3000 µg/g	ND	1.7/27	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.026/0.39	PASS
PENTANE	5000 µg/g	< LOQ	0.0033/32	PASS
PROPANE	5000 µg/g	ND	0.09/47.4	PASS
TOLUENE	890 µg/g	ND	0.016/32	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.05/0.45	PASS
O-XYLENE		ND	0.032/22	N/A
P- AND M-XYLENE		ND	0.032/22	N/A
TOTAL XYLENES	2170 µg/g	ND	0.064/45	PASS

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // JUL 13, 2020

ANALYTE	LIMIT	AMOUNT (CFU)	PASS/FAIL
ASPERGILLUS FLAVUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS FUMIGATUS	Any amt in 1 gram	ND	PASS
ASPERGILLUS NIGER	Any amt in 1 gram	ND	PASS
ASPERGILLUS TERREUS	Any amt in 1 gram	ND	PASS
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

BCL-11: MYCOTOXIN TESTING BY LC-MS/MS // JUL 13, 2020

ANALYTE	LIMIT	AMOUNT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.476/4.472	N/A
AFLATOXIN B2		ND	1.683/5.101	N/A
AFLATOXIN G1		ND	1.559/4.723	N/A
AFLATOXIN G2		ND	1.585/4.804	N/A
AFLATOXINS	20 µg/kg	ND	6.303/19.1	PASS
OCHRATOXIN A	20 µg/kg	ND	3.312/10.037	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // JUL 14, 2020

ANALYTE	LIMIT	AMOUNT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	0.2 µg/g	< LOQ	0.001/0.05	PASS
CADMIUM	0.2 µg/g	ND	0.0002/0.05	PASS
LEAD	0.5 µg/g	0.26	0.0003/0.05	PASS
MERCURY	0.1 µg/g	ND	0.0001/0.01	PASS

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