

CERTIFICATE OF ANALYSIS

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

PRODUCED: AUG 21, 2024

SAMPLE: HIGH ENERGY (EDIBLE SOLID) // CLIENT: NATHAN COZZOLINO // BATCH: PASS



MATRIX: EDIBLE SOLID
 CATEGORY: EDIBLE
 SAMPLE ID: BCL-240816-111
 COLLECTED ON: AUG 16, 2024
 RECEIVED ON: AUG 16, 2024
 SAMPLE SIZE: 20 UNITS
 SERVING/PACKAGE SIZE: 3.4 G / 68 G

CANNABINOID OVERVIEW

Δ ⁹ -THC PER SERVING:	2.05 mg
CBD PER SERVING:	0 mg
TOTAL CANNABINOIDS ^{††} :	2.21 mg
SUM OF CANNABINOIDS [†] :	2.21 mg



BCL-03: CANNABINOID POTENCY BY HPLC-UV // AUG 21, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	0.00108/0.02464	N/A
CBCA	ND	ND	0.0031/0.02464	N/A
CBD	ND	ND	0.00153/0.02464	N/A
CBDA	ND	ND	0.00079/0.02464	N/A
CBDV	ND	ND	0.00118/0.02464	N/A
CBDVA	ND	ND	0.00079/0.02464	N/A
CBG	0.00464 %	0.0464 mg/g	0.00143/0.02464	N/A
CBGA	ND	ND	0.00099/0.02464	N/A
CBN	ND	ND	0.00079/0.02464	N/A
Δ ⁸ -THC	ND	ND	0.00286/0.02464	N/A
Δ ⁹ -THC	0.06031 %	0.6031 mg/g	0.00207/0.02464	N/A
THCA	ND	ND	0.00148/0.02464	N/A
THCV	ND	ND	0.00163/0.02464	N/A
THCVA	ND	ND	0.00113/0.02464	N/A
TOT THC**	0.06031 %	0.6031 mg/g		N/A
TOT CBD**	ND	ND		N/A
CBD/SRV	ND			N/A
Δ ⁹ -THC/SRV	2.05 mg			PASS
TOT THC/SRV**	2.05 mg			N/A
TOT CBD/SRV**	ND			N/A
CBD/PKG	ND			N/A
Δ ⁹ -THC/PKG	41.01 mg			PASS
TOT THC/PKG**	41.01 mg			N/A
TOT CBD/PKG**	ND			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

* BEYOND SCOPE OF ACCREDITATION

** TOTAL THC = DELTA-8-THC + (DELTA-8-THCA X 0.877) + DELTA-9-THC + (THCA X 0.877)

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

† SUM OF CANNABINOIDS = CBC + CBCA + CBD + CBDA + CBDV + CBDVA + CBG + CBGA + CBN + DELTA-8-THC + DELTA-9-THC + THCA + THCV + THCVA

†† TOTAL CANNABINOIDS = (CBC + CBD + CBDV + CBG + CBN + DELTA-8-THC + DELTA-9-THC + THCV) + (0.877 * (CBCA + CBDA + CBDVA + CBGA + THCA + THCVA))



SAMPLE WAS TESTED AS RECEIVED. THE RESULTS RELATE ONLY TO THE ITEMS TESTED. ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA. ALL DECISION RULES ARE ESTABLISHED BY THE DCC.

RESULTS CERTIFIED BY: DZOANA KLISARA, B.SC.
LABORATORY DIRECTOR, BELCOSTA LABS
AUG 21, 2024

Dzoana Klisara



BCL-13: PESTICIDE TESTING BY GC/MS OUT OF SCOPE // AUG 20, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01073/0.03253	N/A
CHLORDANE TRANS		ND	0.01027/0.03103	N/A
CHLORFENAPYR	Any amt	ND	0.02313/0.07002	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01079/0.03276	PASS
DICHLORVOS	Any amt	ND	0.01136/0.03444	PASS
METHYL PARATHION	Any amt	ND	0.01304/0.03951	PASS
PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.01356/0.04113	PASS

BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // AUG 21, 2024

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.0244/0.07393	PASS
ABAMECTIN BA		ND		N/A
ACEPHATE	5 µg/g	ND	0.01224/0.0371	PASS
ACEQUINOCYL	4 µg/g	ND	0.01993/0.06038	PASS
ACETAMIPRID	5 µg/g	ND	0.0043/0.01302	PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS
AZOXYSTROBIN	40 µg/g	ND	0.00771/0.02337	PASS
BIFENAZATE	5 µg/g	ND	0.00373/0.01131	PASS
BIFENTHRIN	0.5 µg/g	ND	0.01267/0.03839	PASS
BOSCALID	10 µg/g	ND	0.01406/0.04261	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS
CHLORANTRANIL-IPROLE	40 µg/g	ND	0.01069/0.0324	PASS
CLOFENTEZINE	0.5 µg/g	ND	0.01404/0.04256	PASS
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS
CYFLUTHRIN	1 µg/g	ND	0.1511/0.45788	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS
DIAZINON	0.2 µg/g	ND	0.0027/0.00818	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS
DIMETHOMORPH	20 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00554/0.01679	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS
ETOFENPROX	Any amt	ND	0.00604/0.01831	PASS
ETOXAZOLE	1.5 µg/g	ND	0.00363/0.01099	PASS
FENHEXAMID	10 µg/g	ND	0.01344/0.04073	PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS
FENPYROXIMATE	2 µg/g	ND	0.00277/0.0084	PASS
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS
FLONICAMID	2 µg/g	ND	0.0046/0.01393	PASS
FLUDIOXONIL	30 µg/g	ND	0.03245/0.09834	PASS
HEXYTHIAZOX	2 µg/g	ND	0.00409/0.01238	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS
IMIDACLOPRID	3 µg/g	ND	0.00796/0.02411	PASS
KRESOXIM-METHYL	1 µg/g	ND	0.00989/0.02997	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
MALATHION	5 µg/g	ND	0.00701/0.02124	PASS
METALAXYL	15 µg/g	ND	0.0058/0.01757	PASS
METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
METHOMYL	0.1 µg/g	ND	0.00837/0.02537	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.001/0.00303	N/A
MEVINPHOS II		ND	0.00529/0.01603	N/A
MYCLOBUTANIL	9 µg/g	ND	0.01719/0.0521	PASS
NALED	0.5 µg/g	ND	0.01059/0.0321	PASS
OXAMYL	0.2 µg/g	ND	0.00617/0.01869	PASS
PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
PERMETHRIN	20 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.00993/0.03008	N/A
PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
PHOSMET	0.2 µg/g	ND	0.00601/0.01822	PASS
PIPERONYLBUTOXIDE	8 µg/g	ND	0.00261/0.00791	PASS
PRALLETHRIN	0.4 µg/g	ND	0.00989/0.02996	PASS
PROPICONAZOLE	20 µg/g	ND	0.00577/0.01747	PASS
PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
PYRETHRINS	1 µg/g	ND		PASS
PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
PYRIDABEN	3 µg/g	ND	0.00388/0.01176	PASS
SPINETORAM	3 µg/g	ND		PASS
SPINETORAM J		ND	0.00694/0.02103	N/A
SPINETORAM L		ND	0.00902/0.02734	N/A
SPINOSAD	3 µg/g	ND		PASS
SPINOSAD A		ND	0.00799/0.02422	N/A
SPINOSAD D		ND	0.00275/0.00834	N/A
SPIROMESIFEN	12 µg/g	ND	0.00693/0.021	PASS
SPIROTETRAMAT	13 µg/g	ND	0.00537/0.01627	PASS
SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
TEBUCONAZOLE	2 µg/g	ND	0.00874/0.02647	PASS
THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
THIAMETHOXAM	4.5 µg/g	ND	0.00395/0.01196	PASS
TRIFLOXYSTROBIN	30 µg/g	ND	0.00354/0.01072	PASS



BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // AUG 21, 2024

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.97/5.96	N/A
AFLATOXIN B2		ND	1.32/3.99	N/A
AFLATOXIN G1		ND	1.6/4.86	N/A
AFLATOXIN G2		ND	1.46/4.44	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	1.35/4.08	PASS

BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // AUG 19, 2024

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS
SHIGA TOXIN-PRODUCING E. COLI	Any amt in 1 gram	ND	PASS

BCL-020: HEAVY METAL TESTING BY ICP-MS // AUG 19, 2024

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	< LOQ	0.0002/0.05	PASS
LEAD	0.5 µg/g	< LOQ	0.0003/0.05	PASS
MERCURY	3 µg/g	< LOQ	0.0001/0.01	PASS

BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 17, 2024

ANALYTE	LIMIT	AMT (%)	PASS/FAIL
IMBEDDED FOREIGN MATERIAL	25 %	ND	PASS
INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT	1 Unit	ND	PASS
MOLD	25 %	ND	PASS
SAND, SOIL, CINDERS, DIRT	25 %	ND	PASS

ACCREDITATIONS



A2LA ACCREDITED

- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-03: CANNABINOID POTENCY BY HPLC-UV
- BCL-05: MYCOTOXIN TESTING BY LC-MS/MS

- BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI
- BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR
- BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

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