

# CERTIFICATE OF ANALYSIS

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

PRODUCED: AUG 20, 2024

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



**BATCH NO.:** THM24220D9  
**MATRIX:** EDIBLE SOLID  
**CATEGORY:** EDIBLE  
**SAMPLE ID:** BCL-240814-039  
**COLLECTED ON:** AUG 14, 2024  
**RECEIVED ON:** AUG 14, 2024  
**SAMPLE SIZE:** 68 G  
**SERVING/PACKAGE SIZE:** 3.4194 G / 68.3896 G

## CANNABINOID OVERVIEW

<b>Δ<sup>9</sup>-THC PER SERVING:</b>	<b>2.12 mg</b>
<b>CBD PER SERVING:</b>	<b>0 mg</b>
<b>TOTAL CANNABINOIDS††:</b>	<b>2.29 mg</b>
<b>SUM OF CANNABINOIDS†:</b>	<b>2.31 mg</b>



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // AUG 16, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	0.00109/0.0248	N/A
CBCA	ND	ND	0.00313/0.0248	N/A
CBD	ND	ND	0.00154/0.0248	N/A
CBDA	ND	ND	0.00079/0.0248	N/A
CBDV	ND	ND	0.00119/0.0248	N/A
CBDVA	ND	ND	0.00079/0.0248	N/A
CBG	< LOQ	< LOQ	0.00144/0.0248	N/A
CBGA	ND	ND	0.00099/0.0248	N/A
CBN	ND	ND	0.00079/0.0248	N/A
Δ <sup>8</sup> -THC	ND	ND	0.00288/0.0248	N/A
Δ <sup>9</sup> -THC	0.06199 %	0.6199 mg/g	0.00208/0.0248	N/A
THCA	0.00568 %	0.0568 mg/g	0.00149/0.0248	N/A
THCV	ND	ND	0.00164/0.0248	N/A
THCVA	ND	ND	0.00114/0.0248	N/A
TOT THC**	0.06697 %	0.6697 mg/g		N/A
TOT CBD**	ND	ND		N/A
CBD/SRV	ND			N/A
Δ <sup>9</sup> -THC/SRV	2.12 mg			PASS
TOT THC/SRV**	2.29 mg			N/A
TOT CBD/SRV**	ND			N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	42.39 mg			PASS
TOT THC/PKG**	45.80 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 <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

\* 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.S.C.  
LABORATORY DIRECTOR, BELCOSTA LABS  
AUG 20, 2024

*Dzoana Klisara*



**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI OUT OF SCOPE // AUG 17, 2024**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.0244/0.07393	PASS	METALAXYL	15 µg/g	ND	0.0058/0.01757	PASS
ACEPHATE	5 µg/g	ND	0.01224/0.0371	PASS	METHIOCARB	Any amt	ND	0.00885/0.02681	PASS
ACEQUINOCYL	4 µg/g	ND	0.01993/0.06038	PASS	METHOMYL	0.1 µg/g	ND	0.00837/0.02537	PASS
ACETAMIPRID	5 µg/g	ND	0.0043/0.01302	PASS	MEVINPHOS	Any amt	ND		PASS
ALDICARB	Any amt	ND	0.01219/0.03693	PASS	MEVINPHOS I		ND	0.001/0.00303	N/A
AZOXYSTROBIN	40 µg/g	ND	0.00771/0.02337	PASS	MEVINPHOS II		ND	0.00529/0.01603	N/A
BIFENAZATE	5 µg/g	ND	0.00373/0.01131	PASS	MYCLOBUTANIL	9 µg/g	ND	0.01719/0.0521	PASS
BIFENTHRIN	0.5 µg/g	ND	0.01267/0.03839	PASS	NALED	0.5 µg/g	ND	0.01059/0.0321	PASS
BOSCALID	10 µg/g	ND	0.01406/0.04261	PASS	OXAMYL	0.2 µg/g	ND	0.00617/0.01869	PASS
CARBARYL	0.5 µg/g	ND	0.00615/0.01865	PASS	PACLOBUTRAZOL	Any amt	ND	0.01076/0.03262	PASS
CARBOFURAN	Any amt	ND	0.00411/0.01246	PASS	PERMETHRIN	20 µg/g	ND		PASS
CHLORANTRANIL-IPROLE	40 µg/g	ND	0.01069/0.0324	PASS	PERMETHRIN CIS		ND	0.00993/0.03008	N/A
CLOFENTEZINE	0.5 µg/g	ND	0.01404/0.04256	PASS	PERMETHRIN TRANS		ND	0.01265/0.03833	N/A
COUMAPHOS	Any amt	ND	0.01952/0.05914	PASS	PHOSMET	0.2 µg/g	ND	0.00601/0.01822	PASS
CYFLUTHRIN	1 µg/g	ND	0.1511/0.45788	PASS	PIPERONYLBUTOXIDE	8 µg/g	ND	0.00261/0.00791	PASS
CYPERMETHRIN	1 µg/g	ND	0.02284/0.06921	PASS	PRALLETHRIN	0.4 µg/g	ND	0.00989/0.02996	PASS
DAMINOZIDE	Any amt	ND	0.0237/0.07182	PASS	PROPICONAZOLE	20 µg/g	ND	0.00577/0.01747	PASS
DIAZINON	0.2 µg/g	ND	0.0027/0.00818	PASS	PROPOXUR	Any amt	ND	0.00593/0.01798	PASS
DIMETHOATE	Any amt	ND	0.00353/0.01069	PASS	PYRETHRINS	1 µg/g	ND		PASS
DIMETHOMORPH	20 µg/g	ND		PASS	PYRETHRINS PYRETHRIN I		ND	0.00435/0.01318	N/A
DIMETHOMORPH I		ND	0.00554/0.01679	N/A	PYRETHRINS PYRETHRIN II		ND	0.00386/0.01169	N/A
DIMETHOMORPH II		ND	0.00327/0.00992	N/A	PYRIDABEN	3 µg/g	ND	0.00388/0.01176	PASS
ETHOPROPHOS	Any amt	ND	0.00632/0.01914	PASS	SPINETORAM	3 µg/g	ND		PASS
ETOFENPROX	Any amt	ND	0.00604/0.01831	PASS	SPINETORAM J		ND	0.00694/0.02103	N/A
ETOXAZOLE	1.5 µg/g	ND	0.00363/0.01099	PASS	SPINETORAM L		ND	0.00902/0.02734	N/A
FENHEXAMID	10 µg/g	ND	0.01344/0.04073	PASS	SPINOSAD	3 µg/g	ND		PASS
FENOXYCARB	Any amt	ND	0.0047/0.01423	PASS	SPINOSAD A		ND	0.00799/0.02422	N/A
FENPYROXIMATE	2 µg/g	ND	0.00277/0.0084	PASS	SPINOSAD D		ND	0.00275/0.00834	N/A
FIPRONIL	Any amt	ND	0.00678/0.02054	PASS	SPIROMESIFEN	12 µg/g	ND	0.00693/0.021	PASS
FLONICAMID	2 µg/g	ND	0.0046/0.01393	PASS	SPIROTETRAMAT	13 µg/g	ND	0.00537/0.01627	PASS
FLUDIOXONIL	30 µg/g	ND	0.03245/0.09834	PASS	SPIROXAMINE	Any amt	ND	0.00549/0.01663	PASS
HEXYTHIAZOX	2 µg/g	ND	0.00409/0.01238	PASS	TEBUCONAZOLE	2 µg/g	ND	0.00874/0.02647	PASS
IMAZALIL	Any amt	ND	0.012/0.03637	PASS	THIACLOPRID	Any amt	ND	0.00458/0.01389	PASS
IMIDACLOPRID	3 µg/g	ND	0.00796/0.02411	PASS	THIAMETHOXAM	4.5 µg/g	ND	0.00395/0.01196	PASS
KRESOXIM-METHYL	1 µg/g	ND	0.00989/0.02997	PASS	TRIFLOXYSTROBIN	30 µg/g	ND	0.00354/0.01072	PASS
MALATHION	5 µg/g	ND	0.00701/0.02124	PASS					

**BCL-13: PESTICIDE TESTING BY GC/MS // AUG 20, 2024**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL	ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.03084/0.09339	PASS	CHLORPYRIFOS	Any amt	ND	0.01096/0.0333	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01155/0.035	PASS
CHLORDANE CIS		ND	0.0109/0.03307	N/A	METHYL PARATHION	Any amt	ND	0.01325/0.04016	PASS
CHLORDANE TRANS		ND	0.01044/0.03154	N/A	PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.01378/0.0418	PASS
CHLORFENAPYR	Any amt	ND	0.02351/0.07117	PASS					



**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // AUG 17, 2024**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16325/0.56948	PASS
ACETONE	5000 µg/g	ND	18.37509/56.94761	PASS
ACETONITRILE	410 µg/g	ND	16.306/56.94761	PASS
BENZENE	1 µg/g	ND	0.07213/0.56948	PASS
BUTANE	5000 µg/g	ND	17.19438/56.94761	PASS
CHLOROFORM	1 µg/g	ND	0.16705/0.56948	PASS
ETHANOL	5000 µg/g	ND	14.09643/56.94761	PASS
ETHYL ACETATE	5000 µg/g	ND	17.40699/56.94761	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18223/0.56948	PASS
ETHYL ETHER	5000 µg/g	ND	15.33409/56.94761	PASS
HEPTANE	5000 µg/g	ND	13.41686/56.94761	PASS
HEXANE	290 µg/g	ND	20.6568/94.91268	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.2369/56.94761	PASS
METHANOL	3000 µg/g	ND	12.76765/56.94761	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14427/0.56948	PASS
PENTANE	5000 µg/g	ND	31.39711/94.91268	PASS
PROPANE	5000 µg/g	ND	16.22248/56.94761	PASS
TOLUENE	890 µg/g	ND	8.96355/56.94761	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07593/0.56948	PASS
O-XYLENE		ND	4.2445/28.4738	N/A
P- AND M-XYLENE		ND	3.93318/28.4738	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // AUG 16, 2024**

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.85 Aw	0.57	PASS

**ACCREDITATIONS**



**A2LA ACCREDITED**

- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-03: CANNABINOID POTENCY BY HPLC-UV
- BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR
- BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY

- BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM
- BCL-13: PESTICIDE TESTING BY GC/MS
- BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

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**BCL-11: MYCOTOXIN TESTING BY LC-MS/MS OUT OF SCOPE // AUG 17, 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-020: HEAVY METAL TESTING BY ICP-MS // AUG 15, 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	ND	0.0001/0.01	PASS

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // AUG 15, 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

**BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // AUG 16, 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

