

# CERTIFICATE OF ANALYSIS

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

PRODUCED: OCT 11, 2024

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



BATCH NO.: RH24276D9  
 MATRIX: EDIBLE SOLID  
 CATEGORY: EDIBLE  
 SAMPLE ID: BCL-241004-074  
 COLLECTED ON: OCT 04, 2024  
 RECEIVED ON: OCT 04, 2024  
 SAMPLE SIZE: 20 UNITS  
 SERVING/PACKAGE SIZE: 3.493 G / 69.8715 G

## CANNABINOID OVERVIEW

<b>Δ<sup>9</sup>-THC PER SERVING:</b>	<b>4.79 mg</b>
<b>CBD PER SERVING:</b>	<b>0 mg</b>
<b>TOTAL CANNABINOIDS<sup>††</sup>:</b>	<b>5.4 mg</b>
<b>SUM OF CANNABINOIDS<sup>†</sup>:</b>	<b>5.4 mg</b>



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // OCT 08, 2024

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	< LOQ	< LOQ	0.00105/0.0238	N/A
CBCA	ND	ND	0.003/0.0238	N/A
CBD	ND	ND	0.00148/0.0238	N/A
CBDA	ND	ND	0.00076/0.0238	N/A
CBDV	ND	ND	0.00114/0.0238	N/A
CBDVA	ND	ND	0.00076/0.0238	N/A
CBG	0.01192 %	0.1192 mg/g	0.00138/0.0238	N/A
CBGA	ND	ND	0.00095/0.0238	N/A
CBN	ND	ND	0.00076/0.0238	N/A
Δ <sup>8</sup> -THC	ND	ND	0.00276/0.0238	N/A
Δ <sup>9</sup> -THC	0.13724 %	1.3724 mg/g	0.002/0.0238	N/A
THCA	ND	ND	0.00143/0.0238	N/A
THCV	0.00532 %	0.0532 mg/g	0.00157/0.0238	N/A
THCVA	ND	ND	0.00109/0.0238	N/A
TOT THC**	0.13724 %	1.3724 mg/g		N/A
TOT CBD**	ND	ND		N/A
CBD/SRV	ND			N/A
Δ <sup>9</sup> -THC/SRV	4.79 mg			PASS
TOT THC/SRV**	4.79 mg			N/A
TOT CBD/SRV**	ND			N/A
CBD/PKG	ND			N/A
Δ <sup>9</sup> -THC/PKG	95.89 mg			PASS
TOT THC/PKG**	95.89 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.SC.  
LABORATORY DIRECTOR, BELCOSTA LABS  
OCT 11, 2024

*Dzoana Klisara*



**BCL-13: PESTICIDE TESTING BY GC/MS // OCT 10, 2024**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.03067/0.09289	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01085/0.03289	N/A
CHLORDANE TRANS		ND	0.01038/0.03137	N/A
CHLORFENAPYR	Any amt	ND	0.02338/0.07079	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.0109/0.03312	PASS
DICHLORVOS	Any amt	ND	0.01149/0.03481	PASS
METHYL PARATHION	Any amt	ND	0.01318/0.03994	PASS
PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.0137/0.04157	PASS

**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // OCT 11, 2024**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.01972/0.0696	PASS
ACEPHATE	5 µg/g	ND	0.00862/0.0606	PASS
ACEQUINOCYL	4 µg/g	ND	0.00784/0.06	PASS
ACETAMIPRID	5 µg/g	ND	0.00491/0.06042	PASS
ALDICARB	Any amt	ND	0.01231/0.06042	PASS
AZOXYSTROBIN	40 µg/g	ND	0.0059/0.06048	PASS
BIFENAZATE	5 µg/g	ND	0.00876/0.0603	PASS
BIFENTHRIN	0.5 µg/g	ND	0.00958/0.06	PASS
BOSCALID	10 µg/g	ND	0.0171/0.0606	PASS
CARBARYL	0.5 µg/g	ND	0.0079/0.0603	PASS
CARBOFURAN	Any amt	ND	0.00227/0.06036	PASS
CHLORANTRANIL-IPROLE	40 µg/g	ND	0.011/0.06054	PASS
CLOFENTEZINE	0.5 µg/g	ND	0.00507/0.0603	PASS
COUMAPHOS	Any amt	ND	0.0193/0.0684	PASS
CYFLUTHRIN	1 µg/g	ND	0.23945/0.8484	PASS
CYPERMETHRIN	1 µg/g	ND	0.07946/0.6	PASS
DAMINOZIDE	Any amt	ND	0.00625/0.0606	PASS
DIAZINON	0.2 µg/g	ND	0.00536/0.0606	PASS
DIMETHOATE	Any amt	ND	0.00621/0.0606	PASS
DIMETHOMORPH	20 µg/g	ND		PASS
DIMETHOMORPH I		ND	0.00422/0.02545	N/A
DIMETHOMORPH II		ND	0.00229/0.03515	N/A
ETHOPROPHOS	Any amt	ND	0.0085/0.0606	PASS
ETOFENPROX	Any amt	ND	0.00539/0.06054	PASS
ETOXAZOLE	1.5 µg/g	ND	0.00416/0.06036	PASS
FENHEXAMID	10 µg/g	ND	0.01569/0.0606	PASS
FENOXYCARB	Any amt	ND	0.00565/0.06048	PASS
FENPYROXIMATE	2 µg/g	ND	0.00671/0.06048	PASS
FIPRONIL	Any amt	ND	0.00911/0.0603	PASS
FLONICAMID	2 µg/g	ND	0.00275/0.0606	PASS
FLUDIOXONIL	30 µg/g	ND	0.02537/0.09	PASS
HEXYTHIAZOX	2 µg/g	ND	0.00585/0.0606	PASS
IMAZALIL	Any amt	ND	0.00862/0.06036	PASS
IMIDACLOPRID	3 µg/g	ND	0.00851/0.06036	PASS
KRESOXIM-METHYL	1 µg/g	ND	0.00871/0.06036	PASS
MALATHION	5 µg/g	ND	0.00764/0.0606	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
METHOMYL	0.1 µg/g	ND	0.00504/0.06042	PASS
MEVINPHOS	Any amt	ND		PASS
MEVINPHOS I		ND	0.002/0.01877	N/A
MEVINPHOS II		ND	0.00532/0.04177	N/A
MYCLOBUTANIL	9 µg/g	ND	0.00604/0.0603	PASS
NALED	0.5 µg/g	ND	0.00848/0.05994	PASS
OXAMYL	0.2 µg/g	ND	0.0052/0.06036	PASS
PACLOBUTRAZOL	Any amt	ND	0.00849/0.06036	PASS
PERMETHRIN	20 µg/g	ND		PASS
PERMETHRIN CIS		ND	0.0288/0.1021	N/A
PERMETHRIN TRANS		ND	0.04398/0.15589	N/A
PHOSMET	0.2 µg/g	ND	0.00607/0.06042	PASS
PIPERONYLBUTOXIDE	8 µg/g	ND	0.00394/0.06012	PASS
PRALLETHRIN	0.4 µg/g	ND	0.00818/0.06	PASS
PROPICONAZOLE	20 µg/g	ND	0.00485/0.0603	PASS
PROPOXUR	Any amt	ND	0.0072/0.06042	PASS
PYRETHRINS	1 µg/g	ND		PASS
PYRETHRINS CINERIN I		ND	0.00693/0.02457	N/A
PYRETHRINS CINERIN II		ND	0.00424/0.01502	N/A
PYRETHRINS JASMOLIN I		ND	0.0017/0.01812	N/A
PYRETHRINS JASMOLIN II		ND	0.00496/0.01812	N/A
PYRETHRINS PYRETHRIN I		ND	0.02641/0.09362	N/A
PYRETHRINS PYRETHRIN II		ND	0.018/0.0638	N/A
PYRIDABEN	3 µg/g	ND	0.00906/0.0606	PASS
SPINETORAM	3 µg/g	ND		PASS
SPINETORAM J		ND	0.00681/0.0156	N/A
SPINETORAM L		ND	0.00345/0.0444	N/A
SPINOSAD	3 µg/g	ND		PASS
SPINOSAD A		ND	0.00558/0.04601	N/A
SPINOSAD D		ND	0.00123/0.01453	N/A
SPIROMESIFEN	12 µg/g	ND	0.01985/0.0708	PASS
SPIROTETRAMAT	13 µg/g	ND	0.00482/0.06054	PASS
SPIROXAMINE	Any amt	ND	0.00338/0.06018	PASS
TEBUCONAZOLE	2 µg/g	ND	0.00726/0.0603	PASS
THIACLOPRID	Any amt	ND	0.00497/0.0603	PASS
THIAMETHOXAM	4.5 µg/g	ND	0.00349/0.06036	PASS



METALAXYL	15 µg/g	ND	0.00379/0.06054	PASS
METHIOCARB	Any amt	ND	0.01182/0.06042	PASS

TRIFLOXYSTROB-IN	30 µg/g	ND	0.00529/0.0603	PASS
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**BCL-05: MYCOTOXIN TESTING BY LC-MS/MS // OCT 11, 2024**

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
AFLATOXIN B1		ND	1.19/4.22	N/A
AFLATOXIN B2		ND	1.45/5.12	N/A
AFLATOXIN G1		ND	1.58/5.6	N/A
AFLATOXIN G2		ND	0.63/3	N/A
AFLATOXINS	20 µg/kg	ND		PASS
OCHRATOXIN A	20 µg/kg	ND	0.63/6	PASS

**BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // OCT 07, 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 // OCT 06, 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	0.010	0.0001/0.01	PASS

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // OCT 05, 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
- BCL-13: PESTICIDE TESTING BY GC/MS

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