

# CERTIFICATE OF ANALYSIS

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

PRODUCED: OCT 04, 2022

SAMPLE: ROSE CHOCOLATE (EDIBLE SOLID) // CLIENT: NATHAN COZZOLINO // BATCH: FAIL



BATCH NO.: RCCBD22256  
 MATRIX: EDIBLE SOLID  
 CATEGORY: EDIBLE  
 SAMPLE ID: BCL-220923-003  
 COLLECTED ON: SEP 23, 2022  
 RECEIVED ON: SEP 23, 2022  
 SAMPLE SIZE: 1 UNITS  
 PACKAGE SIZE: 34.8488 G

## CANNABINOID OVERVIEW

TOTAL THC:	0.00533 %
TOTAL CBD:	0.14911 %
SUM OF CANNABINOIDS:	0.16218 %



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // OCT 04, 2022

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	0.00482 %	0.0482 mg/g	0.001/0.02277	N/A
CBCA	ND	ND	0.00287/0.02277	N/A
CBD	0.14911 %	1.4911 mg/g	0.00141/0.02277	N/A
CBDa	ND	ND	0.00073/0.02277	N/A
CBDV	ND	ND	0.00109/0.02277	N/A
CBDVA	ND	ND	0.00073/0.02277	N/A
CBG	< LOQ	< LOQ	0.00132/0.02277	N/A
CBGA	ND	ND	0.00091/0.02277	N/A
CBN	0.00292 %	0.0292 mg/g	0.00073/0.02277	N/A
Δ <sup>8</sup> -THC	ND	ND	0.00264/0.02277	N/A
Δ <sup>9</sup> -THC	0.00533 %	0.0533 mg/g	0.00191/0.02277	N/A
THCA	ND	ND	0.00137/0.02277	N/A
THCV	ND	ND	0.0015/0.02277	N/A
THCVA	ND	ND	0.00105/0.02277	N/A
TOT THC**	0.00533 %	0.0533 mg/g		N/A
TOT CBD**	0.14911 %	1.4911 mg/g		N/A
CBD/PKG	51.96 mg			N/A
Δ <sup>9</sup> -THC/PKG	1.86 mg			PASS
TOT THC/PKG**	1.86 mg			N/A
TOT CBD/PKG**	51.96 mg			N/A

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

## 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
GUAJOL	NT	NT		N/A
α-BISABOLOL	NT	NT		N/A
1,8-CINEOLE*	NT	NT		N/A

\* BEYOND SCOPE OF ACCREDITATION

RESULTS CERTIFIED BY: CODY SHEPPARD, PH.D.  
 SCIENCE DIRECTOR, BELCOSTA LABS  
 OCT 04, 2022



**BCL-13: PESTICIDE TESTING BY GC/MS // SEP 26, 2022**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CAPTAN	5 µg/g	ND	0.03101/0.09391	PASS
CHLORDANE	Any amt	ND		PASS
CHLORDANE CIS		ND	0.01096/0.03325	N/A
CHLORDANE TRANS		ND	0.01049/0.03172	N/A
CHLORFENAPYR	Any amt	ND	0.02364/0.07157	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLORPYRIFOS	Any amt	ND	0.01102/0.03348	PASS
DICHLORVOS	Any amt	ND	0.01161/0.03519	PASS
METHYL PARATHION	Any amt	ND	0.01332/0.04038	PASS
PENTACHLORONI-TROBENZENE	0.2 µg/g	ND	0.01385/0.04203	PASS

**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // SEP 26, 2022**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ABAMECTIN	0.3 µg/g	ND	0.0244/0.07393	PASS
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
MALATHION	5 µg/g	ND	0.00701/0.02124	PASS

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
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
PIPERONYLBUTO-XIDE	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
TRIFLOXYSTROB-IN	30 µg/g	ND	0.00354/0.01072	PASS



**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // SEP 27, 2022**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.16387/0.57165	PASS
ACETONE	5000 µg/g	ND	18.44512/57.16463	PASS
ACETONITRILE	410 µg/g	ND	16.36814/57.16463	PASS
BENZENE	1 µg/g	ND	0.07241/0.57165	PASS
BUTANE	5000 µg/g	ND	17.25991/57.16463	PASS
CHLOROFORM	1 µg/g	ND	0.16768/0.57165	PASS
ETHANOL	5000 µg/g	ND	14.15015/57.16463	PASS
ETHYL ACETATE	5000 µg/g	ND	17.47332/57.16463	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.18293/0.57165	PASS
ETHYL ETHER	5000 µg/g	ND	15.39253/57.16463	PASS
HEPTANE	5000 µg/g	ND	13.46799/57.16463	PASS
HEXANE	290 µg/g	ND	20.73552/95.27439	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.29116/57.16463	PASS
METHANOL	3000 µg/g	ND	12.81631/57.16463	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.14482/0.57165	PASS
PENTANE	5000 µg/g	ND	31.51677/95.27439	PASS
PROPANE	5000 µg/g	ND	16.2843/57.16463	PASS
TOLUENE	890 µg/g	ND	8.99771/57.16463	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07622/0.57165	PASS
O-XYLENE		ND	4.26067/28.58232	N/A
P- AND M-XYLENE		ND	3.94817/28.58232	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR // SEP 25, 2022**

ANALYTE	LIMIT	AMT (CFU)	PASS/FAIL
ESCHERICHIA COLI	Any amt in 1 gram	ND	PASS
SALMONELLA SPP.	Any amt in 1 gram	ND	PASS

**BCL-12: WATER ACTIVITY BY HUMIDITY EQUILIBRIUM // SEP 24, 2022**

ANALYTE	LIMIT	AMT (Aw)	PASS/FAIL
WATER ACTIVITY	0.85 Aw	0.53	PASS

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**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // SEP 25, 2022**

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-11: MYCOTOXIN TESTING BY LC-MS/MS // SEP 26, 2022**

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 // SEP 27, 2022**

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	0.170	0.0002/0.05	PASS
LEAD	0.5 µg/g	2.909	0.0003/0.05	FAIL
MERCURY	3 µg/g	< LOQ	0.0001/0.01	PASS

