

# CERTIFICATE OF ANALYSIS

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

PRODUCED: NOV 18, 2023

SAMPLE: BLACKBERRY LEMON LIME (EDIBLE LIQUID) // CLIENT: CQ // BATCH: PASS



BATCH NO.: 36C293B31  
 MATRIX: EDIBLE LIQUID  
 DENSITY: 1.0071 g/ml  
 CATEGORY: EDIBLE  
 SAMPLE ID: BCL-231114-077  
 COLLECTED ON: NOV 14, 2023  
 RECEIVED ON: NOV 14, 2023  
 SAMPLE SIZE: 2 UNITS  
 PACKAGE SIZE: 357.5205 G

## CANNABINOID OVERVIEW

TOTAL THC:	0.00132 %
TOTAL CBD:	0 %
TOTAL CANNABINOIDS <sup>††</sup> :	0.00132 %
SUM OF CANNABINOIDS <sup>†</sup> :	0.00132 %



## BCL-03: CANNABINOID POTENCY BY HPLC-UV // NOV 17, 2023

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
CBC	ND	ND	0.00002/0.0005	N/A
CBCA	ND	ND	0.00006/0.0005	N/A
CBD	ND	ND	0.00003/0.0005	N/A
CBDA	ND	ND	0.00002/0.0005	N/A
CBDV	ND	ND	0.00002/0.0005	N/A
CBDVA	ND	ND	0.00002/0.0005	N/A
CBG	ND	ND	0.00003/0.0005	N/A
CBGA	ND	ND	0.00002/0.0005	N/A
CBN	ND	ND	0.00002/0.0005	N/A
Δ <sup>8</sup> -THC	ND	ND	0.00006/0.0005	N/A
Δ <sup>9</sup> -THC	0.00132 %	0.0132 mg/g	0.00004/0.0005	N/A
THCA	ND	ND	0.00003/0.0005	N/A
THCV	ND	ND	0.00003/0.0005	N/A
THCVA	ND	ND	0.00002/0.0005	N/A
TOT THC <sup>**</sup>	0.00132 %	0.0132 mg/g		N/A
TOT CBD <sup>**</sup>	ND	ND		N/A
CBD/PKG	ND	ND		N/A
Δ <sup>9</sup> -THC/PKG	4.72 mg			PASS
TOT THC/PKG <sup>**</sup>	4.72 mg			N/A
TOT CBD/PKG <sup>**</sup>	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

\*\* 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))

\* BEYOND SCOPE OF ACCREDITATION



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  
NOV 18, 2023

*Dzoana Klisara*



**BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI // NOV 18, 2023**

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 // NOV 18, 2023**

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	0.03122/0.09454	PASS	CHLORPYRIFOS	Any amt	ND	0.0111/0.03371	PASS
CHLORDANE	Any amt	ND		PASS	DICHLORVOS	Any amt	ND	0.01169/0.03543	PASS
CHLORDANE CIS		ND	0.01104/0.03347	N/A	METHYL PARATHION	Any amt	ND	0.01341/0.04065	PASS
CHLORDANE TRANS		ND	0.01056/0.03193	N/A	PENTACHLORONITROBENZENE	0.2 µg/g	ND	0.01395/0.04231	PASS
CHLORFENAPYR	Any amt	ND	0.0238/0.07205	PASS					



**BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS // NOV 17, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
1,2-DICHLOROETHANE	1 µg/g	ND	0.17023/0.59382	PASS
ACETONE	5000 µg/g	ND	19.16073/59.38242	PASS
ACETONITRILE	410 µg/g	ND	17.00317/59.38242	PASS
BENZENE	1 µg/g	ND	0.07522/0.59382	PASS
BUTANE	5000 µg/g	ND	17.92953/59.38242	PASS
CHLOROFORM	1 µg/g	ND	0.17419/0.59382	PASS
ETHANOL	5000 µg/g	2210.661	14.69913/59.38242	PASS
ETHYL ACETATE	5000 µg/g	ND	18.15123/59.38242	PASS
ETHYLENE OXIDE	1 µg/g	ND	0.19002/0.59382	PASS
ETHYL ETHER	5000 µg/g	ND	15.98971/59.38242	PASS
HEPTANE	5000 µg/g	ND	13.9905/59.38242	PASS
HEXANE	290 µg/g	ND	21.53998/98.9707	PASS
ISOPROPYL ALCOHOL	5000 µg/g	ND	14.84561/59.38242	PASS
METHANOL	3000 µg/g	70.008	13.31354/59.38242	PASS
METHYLENE CHLORIDE	1 µg/g	ND	0.15044/0.59382	PASS
PENTANE	5000 µg/g	ND	32.73951/98.9707	PASS
PROPANE	5000 µg/g	ND	16.91607/59.38242	PASS
TOLUENE	890 µg/g	ND	9.34679/59.38242	PASS
TRICHLOROETHYLENE	1 µg/g	ND	0.07918/0.59382	PASS
O-XYLENE		ND	4.42597/29.69121	N/A
P- AND M-XYLENE		ND	4.10135/29.69121	N/A
TOTAL XYLENES	2170 µg/g	ND		PASS

**BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY // NOV 15, 2023**

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-05: MYCOTOXIN TESTING BY LC-MS/MS // NOV 18, 2023**

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 // NOV 15, 2023**

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
ARSENIC	1.5 µg/g	ND	0.001/0.05	PASS
CADMIUM	0.5 µg/g	ND	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-06: MICROBIOLOGICAL ANALYSIS BY QPCR // NOV 16, 2023**

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

**ACCREDITATIONS**



**A2LA ACCREDITED**

- BCL-020: HEAVY METAL TESTING BY ICP-MS
- BCL-06: MICROBIOLOGICAL ANALYSIS BY QPCR
- BCL-03: CANNABINOID POTENCY BY HPLC-UV
- BCL-07: FOREIGN MATERIAL TESTING BY MICROSCOPY
- BCL-05: MYCOTOXIN TESTING BY LC-MS/MS
- BCL-13: PESTICIDE TESTING BY GC/MS
- BCL-05: RESIDUAL PESTICIDE ANALYSIS BY LC-MS/MS ESI
- BCL-18: RESIDUAL SOLVENTS ANALYSIS BY HS-GC-MS

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## Certificate of Analysis

Sample Name	Blackberry Lemon Lime Spritzer	ICAL ID	20240404-044
Batch	36C293831	Registering Laboratory	San Diego
Client	CQ Drinks	Contact	Customer Service Team
Address		Address	8312 Miramar Mall San Diego, CA 92121
Telephone		Telephone	(858) 623-2740
Email		Email	questions@infinitecal.com
Sampler		COA Issue Date	April 10, 2024

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### Definitions

| <: Less Than | >: Greater Than | RP: Result Pending | MPN: Most Probable Number | CFU: Colony Forming Units | - - -:Not Requested | NA: Not Applicable | ND: Not Detected | MDL: Method Detection Limit | LCMRL:Lowest Concentration Minimum Reporting Level | NT: Not Tested | ~: Estimated | TBA: To Be Advised | TNTC: Too numerous to count |

### Microbial Plate Panel

Analyte	CFU/g	MDL	Client Limit <sup>1</sup>	Status <sup>2</sup>
Aerobic (APC)	NT	10	---	
Coliforms	NT	10	---	
<i>E. coli</i>	NT	10	---	
Yeast & Mold	<MDL	10	---	---
<i>Enterobacteriaceae</i>	NT	10	---	
<i>Salmonella spp.</i>	NT	10	---	
<i>Listeria spp.</i>	NT	10	---	

### Analysis Location

All analyses were completed by Infinite Chemical Analysis – San Diego.

### Analysis Comments

Method ID: MICRO-PLATE-001

<sup>1</sup>Client limit is self-selected and will be replaced by official CA state limits when they become available.

<sup>2</sup>Status of Pass/Fail based on client limit selected.

*Josh M Swider*

Josh Swider  
Lab Director, CEO  
April 10, 2024