



Pesticides

# Certificate of Analysis

ICAL ID: C 20230831-007 Sample: CA230831-012-044 Clementine 040623 Strain: Clementine 040623 Category: Ingestible Type: Other

CA Manufacturing Solutions, LLC Lic. # C11-0000031-LIC 1637 W CENTRAL AVE LOMPOC, CA 93436 CA Manufacturing Solutions LLC Lic. # CDPH-10002412 1637 W Central Ave, Lompoc, CA 93436 Batch#: CL-040623 Batch Size Collected: 20 units Total Batch Size: 5,280 units Collected: 08/31/2023; Received: 08/31/2023 Completed: 09/05/2023

METRC Sample: 1A40603000041B5000004093; METRC Batch: 1A40603000041B6000004871;

**Pass** 

09/01/2023

Moisture Δ9-ΤΗС **CBD Total Cannabinoids Total Terpenes** NT NT 94.63 mg/unit 0.22 mg/unit 99.90 mg/unit Water Activity 0.615 aw 4.73 mg/serving 0.01 mg/serving 5.00 mg/serving Summary **SOP** Used **Date Tested** Batch **Pass** POT-PRFP-002 09/01/2023 Cannabinoids **Pass** WA-PREP-001 Water Activity Residual Solvents 09/01/2023 09/01/2023 Pass - 0.615 aw RS-PREP-001 Pass MICRO-PREP-001 09/05/2023 Microbials **Pass** PESTMYCO-LC-PREP-001 Mycotoxins Heavy Metals 09/01/2023 **Pass** HM-PREP-001 09/01/2023 Pass FM-PREP-001 PESTMYCO-LC-PREP-001/ Foreign Matter 09/01/2023 Pass

### **Cannabinoid Profile**

PEST-GC-PREP-001

1 Unit = container, 40.86 g. 20 serving(s) per container.

Scan to see results

Analyte	LOQ (mg/g)	LOD (mg/g)	Labeled S	% Diff	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	Labeled	% Diff	% r	mg/g	mg/unit
THCa	0.0128	0.0043	-	-	ND	ND	ND	CBGa	0.0046	0.0015	-	-	ND	ND	ND
$\Delta 9$ -THC	0.0046	0.0010	100 mg/unit	5.37%	0.232	2.32	94.63	CBG	0.0046	0.0005	-	-	0.007	0.07	3.02
Δ8-THC	0.0046	0.0014	-	-	ND	ND	ND	CBL	0.0046	0.0010	-	-	ND	ND	ND
THCV	0.0046	0.0006	-	-	ND	ND	ND	CBN	0.0046	0.0005	-	-	0.003	0.03	1.23
CBDa	0.0049	0.0016	-	-	ND	ND	ND	CBT	0.0097	0.0032	-	-	ND	ND	ND
CBD	0.0046	0.0008	<2		0.001	0.01	0.22	Total THC					0.23	2.32	94.63
CBDV	0.0046	0.0004	-	-	ND	ND	ND	Total CBD					0.00	0.01	0.22
CBC	0.0076	0.0025	-	-	0.002	0.02	0.80	<u>Total</u>					0.24	2.44	99.90

Total THC=THCa\*0.877 + d9-THC + d8-THC; Total CBD = CBDa\*0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001), Water Activity: Water Activity Meter (WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

### Terpene Profile

LOQ (mg/g) LOD (mg/g) % LOQ (mg/g) LOD (mg/g) % Analyte mg/g Analyte mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



Infinite Chemical Analysis Labs 8312 Miramar Mall San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-000047-LIC

Josh Swider Lab Director, Managing Partner

09/05/2023

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



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METRC Sample: 1A40603000041B5000004093; METRC Batch: 1A40603000041B6000004871;

### **Residual Solvent Analysis**

Category 1	LOQ LOD L	imit S	tatus	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g μg/g μg/g μ	µg/g			μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	μg/g	
1,2-Dichloro-Ethane	<b>ND</b> 0.264 0.088	1	Pass	Acetone	ND	51.246	0.716	5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND 0.052 0.017	1	Pass	Acetonitrile	ND	0.42	0.14	410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND 0.076 0.025	1	Pass	Butane	ND	4.849	0.748	5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND 0.579 0.179	1	Pass	Ethanol	ND	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND 0.729 0.08	1	Pass	Ethyl-Acetate	ND	2.288	0.175	5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND 0.145 0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass	Toluene	ND	0.864	0.067	890	Pass
				Heptane	ND	2.859	0.496	5000	Pass	Xylenes	ND	2.572	0.326	2170	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

### **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	μg/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	<loq< td=""><td>0.004</td><td>0.001</td><td>0.5</td><td>Pass</td></loq<>	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	3	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

# Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

 $ND = Not\ Detected.\ Analytical\ instrumentation\ used: qPCR; samples\ analyzed\ according\ to\ SOP\ MICRO-INST-001.$ 



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Limit

µg/kg

3 of 3

Status

Tested

Tested

Tested

Tested

**Pass** 

**Pass** 



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µg/kg

2.6

2.04

2.97

1.89

3.87

µg/kg

NĎ

ND

ND

ND

ND

ND

μg/kg 7.88

6.18

8.99

5.72

11.72

METRC Sample: 1A40603000041B5000004093; METRC Batch: 1A40603000041B6000004871;

#### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins
	μg/g	µg/g	µg/g		
Aldicarb	ND	0.065	0.022	Pass	B1
Carbofuran	ND	0.030	0.009	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins
Daminozide	ND	0.079	0.026	Pass	·
Dichlorvos	ND	0.067	0.022	Pass	
Dimethoate	ND	0.036	0.012	Pass	
Ethoprophos	ND	0.053	0.017	Pass	
Etofenprox	ND	0.030	0.008	Pass	
Fenoxycarb	ND	0.043	0.014	Pass	
Fipronil	ND	0.045	0.015	Pass	
Imazalil	ND	0.047	0.016	Pass	
Methiocarb	ND	0.047	0.016	Pass	
Mevinphos	ND	0.042	0.014	Pass	
Paclobutrazol	ND	0.040	0.013	Pass	
Parathion Methyl	ND	0.024	0.008	Pass	
Propoxur	ND	0.047	0.016	Pass	
Spiroxamine	ND	0.032	0.011	Pass	
Thiacloprid	ND	0.042	0.014	Pass	

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	μg/g	
Abamectin	ND	0.030	0.010	0.3	Pass	Kresoxim Methyl	ND	0.038	0.012	1	Pass
Acephate	ND	0.050	0.016	5	Pass	Malathion	ND	0.035	0.012	5	Pass
Acequinocyl	ND	0.059	0.019	4	Pass	Metalaxyl	ND	0.031	0.010	15	Pass
Acetamiprid	ND	0.044	0.015	5	Pass	Methomyl	ND	0.048	0.016	0.1	Pass
Azoxystrobin	ND	0.029	0.010	40	Pass	Myclobutanil	ND	0.055	0.018	9	Pass
Bifenazate	ND	0.035	0.012	5	Pass	Naled	ND	0.051	0.017	0.5	Pass
Bifenthrin	ND	0.040	0.013	0.5	Pass	Oxamyl	ND	0.046	0.015	0.3	Pass
Boscalid	ND	0.060	0.020	10	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass
Captan	ND	0.358	0.120	5	Pass	Permethrin	ND	0.030	0.008	20	Pass
Carbaryl	ND	0.049	0.016	0.5	Pass	Phosmet	ND	0.038	0.012	0.2	Pass
Chlorantraniliprole	ND	0.063	0.021	40	Pass	Piperonyl Butoxide	ND	0.030	0.008	8	Pass
Clofentezine	ND	0.039	0.013	0.5	Pass	Prallethrin	ND	0.068	0.023	0.4	Pass
Cyfluthrin	ND	0.056	0.019	1	Pass	Propiconazole	ND	0.059	0.019	20	Pass
Cypermethrin	ND	0.044	0.015	1	Pass	Pyrethrins	ND	0.030	0.004	1	Pass
Diazinon	ND	0.030	0.006	0.2	Pass	Pyridaben	ND	0.035	0.012	3	Pass
Dimethomorph	ND	0.042	0.014	20	Pass	Spinetoram	ND	0.030	0.006	3	Pass
Etoxazole	ND	0.030	0.008	1.5	Pass	Spinosad	ND	0.030	0.004	3	Pass
Fenhexamid	ND	0.039	0.013	10	Pass	Spiromesifen	ND	0.042	0.014	12	Pass
Fenpyroximate	ND	0.030	0.010	2	Pass	Spirotetramat	ND	0.041	0.013	13	Pass
Flonicamid	ND	0.081	0.027	2	Pass	Tebuconazole	ND	0.044	0.014	2	Pass
Fludioxonil	ND	0.046	0.015	30	Pass	Thiamethoxam	ND	0.055	0.018	4.5	Pass
Hexythiazox	ND	0.078	0.026	2	Pass	Trifloxystrobin	ND	0.031	0.010	30	Pass
Imidacloprid	ND	0.071	0.023	3	Pass	·					

#### Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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