

#### **QA SAMPLE - INFORMATIONAL ONLY**

1 of 3

mg/g

4.3

ND

ND

ND

ND

ND

993.5

997.8

ICAL ID: 20210920-005 Sample: CA210917-001-001 J-Bar Isolate Strain: J-Bar Isolate Category: Concentrates & Extracts Imperial CBD Extraction Lic. # 551 West Main Street Brawley, CA 92227

Lic.#

Batch#: 09132021 Primary Size: Batch Size: Collected: 09/22/2021; Receiv

Batch Size:	
Collected: 09/22/2021; Received: 09/22/2	2021
Completed: 09/22/2021	

Moisture	Total THC	Total CBD	Total Cannabinoids	Total Terpenes
<b>NT</b> Water Activity	ND	99.35%	99.78%	NT
NT				

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-001 High	09/20/2021	Complete
Residual Solvents	RS-PREP-001	09/20/2021	Pass
Microbials	MICRO-PREP-001	09/22/2021	Pass
Mycotoxins	PESTMYCO-LC-PREP-001	09/20/2021	Pass
Heavy Metals	HM-PREP-001	09/20/2021	Pass
Foreign Matter	FM-PREP-001	09/20/2021	Pass
Pesticides	PESTMYCO-LC-PREP-001/	09/20/2021	Pass
	PEST-GC-PREP-001		





Scan to see results

0.43

ND

ND

ND

ND

ND

99.35

99.78

## **Cannabinoid Profile**

Analyte	LOQ	LOD	%	mg/g	Analyte	LOQ	LOD
THCa	0.05	0.01	ND	ND	CBDV	0.05	0.01
Δ9-ΤΗС	0.05	0.01	ND	ND	CBN	0.05	0.01
Δ8-ΤΗС	0.05	0.01	ND	ND	CBGa	0.05	0.02
THCV	0.05	0.01	ND	ND	CBG	0.05	0.02
CBDa	0.05	0.01	ND	ND	CBC	0.06	0.02
CBD	0.05	0.01	99.35	993.5	Total THC		
					Total CBD		
					Total		

Total THC=THCa\*0.877 + d9-THC; Total CBD = CBDa\*0.877 + CBD. NR= Not Reported, ND= Not Detected. 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

	Analyte	LOO	LOD %	mg/g Analyte	LOO	LOD %	mg/g
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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 8380 Miramar Mall #102 San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000019-LIC

Josh Swider
Lab Director, Managing Partner

09/22/2021

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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 5730, pursuant to 16 CCR section 5726(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.

#### **QA SAMPLE - INFORMATIONAL ONLY**



ICAL ID: 20210920-005 Sample: CA210917-001-001 J-Bar Isolate Strain: J-Bar Isolate Category: Concentrates & Extracts

Certificate of Analysis

Imperial CBD Extraction 551 West Main Street Brawley, CA 92227

Lic.#

Batch#: 09132021 Primary Size: Batch Size: Collected: 09/22/2021; Received: 09/22/2021 Completed: 09/22/2021

## **Residual Solvent Analysis**

Category 1		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status	Category 2	I	LOQ LO	D Limit	Status
	μg/g	µg/g	µg/g	µg/g			μg/g	μg/g	µg/g	μg/g			μg/g	μg/g μg/	/g μg/g	
1,2-Dichloro-Ethane	ND	1	0.5	1	Pass	Acetone	ND	300	200	5000	Pass	n-Hexane	ND	35 2	0 290	Pass
Benzene	ND	1	0.5	1	Pass	Acetonitrile	ND	150	100	410	Pass	Isopropanol	ND	300 20	0 5000	Pass
Chloroform	ND	1	0.5	1	Pass	Butane	ND	300	200	5000	Pass	Methanol	ND	300 20	0 3000	Pass
Ethylene Oxide	ND	1	0.5	1	Pass	Ethanol	ND	300	200	5000	Pass	Pentane	385.2	300 20	0 5000	Pass
Methylene-Chloride	ND	1	0.5	1	Pass	Ethyl-Acetate	ND	300	200	5000	Pass	Propane	ND	300 20	0 5000	Pass
Trichloroethene	ND	1	0.5	1	Pass	Ethyl-Ether	ND	300	200	5000	Pass	Toluene	ND	150 10	0 890	Pass
						Heptane	ND	300	200	5000	Pass	Xylenes	ND	150 10	0 2170	Pass

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## **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	μg/g	µg/g	μg/g	
Arsenic	ND	0.009	0.003	0.2	Pass
Cadmium	ND	0.002	0.001	0.2	Pass
Lead	ND	0.004	0.001	0.5	Pass
Mercury	ND	0.014	0.005	0.1	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

	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
shiga toxin-producing E. coli	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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# Certificate of Analysis

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Lic.#

Batch#: 09132021 Primary Size: Batch Size:

Collected: 09/22/2021; Received: 09/22/2021 Completed: 09/22/2021

### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Му
	μg/g	µg/g	µg/g		
Aldicarb	ND	0.030	0.008	Pass	В1
Carbofuran	ND	0.030	0.005	Pass	B2
Chlordane	ND	0.075	0.025	Pass	G1
Chlorfenapyr	ND	0.075	0.025	Pass	G2
Chlorpyrifos	ND	0.046	0.015	Pass	Och
Coumaphos	ND	0.030	0.004	Pass	Tot
Daminozide	ND	0.053	0.018	Pass	
Dichlorvos	ND	0.055	0.018	Pass	
Dimethoate	ND	0.030	0.006	Pass	
Ethoprophos	ND	0.030	0.006	Pass	
Etofenprox	ND	0.030	0.004	Pass	
Fenoxycarb	ND	0.030	0.004	Pass	
Fipronil	ND	0.050	0.017	Pass	
lmazalil	ND	0.030	0.009	Pass	
Methiocarb	ND	0.030	0.002	Pass	
Parathion Methyl	ND	0.024	0.008	Pass	
Mevinphos	ND	0.030	0.008	Pass	
Paclobutrazol	ND	0.030	0.009	Pass	
Propoxur	ND	0.030	0.008	Pass	
Spiroxamine	ND	0.030	0.006	Pass	
Thiacloprid	ND	0.030	0.005	Pass	

Mycotoxins		LOQ	LOD	Limit	Status
	μg/kg	μg/kg	µg/kg	μg/kg	
B1	ND	8.98	2.96		Tested
B2	ND	10.17	3.36		Tested
G1	ND	5.25	1.73		Tested
G2	ND	6.26	2.07		Tested
Ochratoxin A	ND	13.37	4.41	20	Pass
Total Aflatoxins	ND			20	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	0.099	0.033	0.1	Pass	Kresoxim Methyl	ND	0.030	0.007	0.1	Pass
Acephate	ND	0.030	0.007	0.1	Pass	Malathion	ND	0.030	0.003	0.5	Pass
Acequinocyl	ND	0.046	0.015	0.1	Pass	Metalaxyl	ND	0.030	0.005	2	Pass
Acetamiprid	ND	0.030	0.005	0.1	Pass	Methomyl	ND	0.030	0.009	1	Pass
Azoxystrobin	ND	0.030	0.005	0.1	Pass	Myclobutanil	ND	0.030	0.007	0.1	Pass
Bifenazate	ND	0.030	0.007	0.1	Pass	Naled	ND	0.030	0.008	0.1	Pass
Bifenthrin	ND	0.030	0.004	3	Pass	Oxamyl	ND	0.030	0.007	0.5	Pass
Boscalid	ND	0.030	0.008	0.1	Pass	Pentachloronitrobenzene	ND	0.054	0.018	0.1	Pass
Captan	ND	0.358	0.120	0.7	Pass	Permethrin	ND	0.030	0.002	0.5	Pass
Carbaryl	ND	0.030	0.006	0.5	Pass	Phosmet	ND	0.030	0.005	0.1	Pass
Chlorantraniliprole	ND	0.030	0.009	10	Pass	Piperonyl Butoxide	ND	0.030	0.003	3	Pass
Clofentezine	ND	0.030	0.002	0.1	Pass	Prallethrin	ND	0.071	0.023	0.1	Pass
Cyfluthrin	ND	0.056	0.019	2	Pass	Propiconazole	ND	0.030	0.009	0.1	Pass
Cypermethrin	ND	0.181	0.060	1	Pass	Pyrethrins	ND	0.030	0.003	0.5	Pass
Diazinon	ND	0.030	0.005	0.1	Pass	Pyridaben	ND	0.030	0.002	0.1	Pass
Dimethomorph	ND	0.030	0.005	2	Pass	Spinetoram	ND	0.030	0.001	0.1	Pass
Etoxazole	ND	0.030	0.004	0.1	Pass	Spinosad	ND	0.030	0.001	0.1	Pass
Fenhexamid	ND	0.034	0.011	0.1	Pass	Spiromesifen	ND	0.030	0.009	0.1	Pass
Fenpyroximate	ND	0.030	0.004	0.1	Pass	Spirotetramat	ND	0.030	0.008	0.1	Pass
Flonicamid	ND	0.035	0.012	0.1	Pass	Tebuconazole	ND	0.030	0.006	0.1	Pass
Fludioxonil	ND	0.036	0.012	0.1	Pass	Thiamethoxam	ND	0.030	0.008	5	Pass
Hexythiazox	ND	0.030	0.001	0.1	Pass	Trifloxystrobin	ND	0.030	0.003	0.1	Pass
<u>Imidacloprid</u>	ND	0.033	0.011	5	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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Josh Swider

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