

## Certificate of Analysis

ICAL ID: 20200904-017 Sample: CA200904-016-063 20 Newside FSD 0904 Strain: 20 Newside FSD 0904 Category: Concentrates & Extracts Imperial CBD Extraction Lic. # None San Diego, CA 92121

Lic.#

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

1 of 3

Batch#: Primary Size: Batch Size: Collected: 09/09/2020; Received: 09/09/2020 Completed: 09/09/2020

MoistureTotal THCTotal CBDTotal CannabinoidsTotal TerpenesNT<br/>Water Activity2.92%75.97%81.69%0.750 mg/gNT

Summary SOP Used Date Tested Batch Pass SOP:POT-E001-Extract 09/04/2020 Cannabinoids Complete Terpenes SOP:TERP.MS.Conc 09/04/2020 Complete 20 Noti **Residual Solvents** SOP:Inhalable 09/04/2020 Pass 09/09/2020 Microbials SOP:qpcrone Pass SOP: MYCO EX 09/08/2020 Mycotoxins Pass Pesticides PEST.002.Extract 09/05/2020 Pass Heavy Metals SOP:HM001 09/08/2020 Pass Foreign Matter SOP:FM-001 09/04/2020 Pass Scan to see results

## **Cannabinoid Profile**

Analyte	LOQ	LOD	%	mg/g	Analyte	LOQ	LOD	%	mg/g
THCa	0.03	0.02	ND	ND	CBDV	0.03	0.02	0.59	5.9
Δ9-THC	0.03	0.02	2.92	29.2	CBN	0.03	0.02	0.30	3.0
∆8-THC	0.03	0.02	ND	ND	CBGa	0.03	0.02	ND	ND
THCV	0.03	0.02	ND	ND	CBG	0.03	0.02	1.74	17.4
CBDa	0.03	0.02	ND	ND	CBC	0.03	0.02	0.17	1.7
CBD	0.03	0.02	75.97	759.7	Total THC			2.92	29.2
					Total CBD			75.97	759.7

Total

Total THC=THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*; \*analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign Material: Microscope\*\*Density tested at a temperature range between 19-24 °C, \*Water Activity tested at a humidity range between 0-90% Relative Humidity. All QA samples are sampled by the client, All California State Compiant samples sampled using SAMPL-SOP-001

## **Terpene Profile**

Analyte	LOQ	LOD	%	mg/g	Analyte	LOQ	LOD	%	mg/g
α-Bisabolol	0.025	0.010	0.0400	0.400	δ-3-Carene	0.025	0.010	ND	ND
(-)-Guaiol	0.025	0.010	0.0350	0.350	δ-Limonene	0.025	0.010	ND	ND
α-Humulene	0.025	0.010	ND	ND	Eucalyptol	0.025	0.010	ND	ND
α-Pinene	0.025	0.010	ND	ND	y-Terpinene	0.025	0.010	ND	ND
α-Terpinene	0.025	0.010	ND	ND	Geraniol	0.025	0.010	ND	ND
β-Caryophyllene	0.025	0.010	ND	ND	Linalool	0.025	0.010	ND	ND
β-Myrcene	0.025	0.010	ND	ND	(-)-Isopulegol	0.025	0.010	ND	ND
β-Pinene	0.025	0.010	ND	ND	p-Cymene	0.025	0.010	ND	ND
Camphene	0.025	0.010	ND	ND	Terpinolene	0.025	0.010	ND	ND
Caryophyllene Oxide	0.025	0.010	ND	ND	trans-Nerolidol	0.025	0.010	ND	ND
cis-Nerolidol	0.025	0.010	ND	ND	trans-Ocimene	0.025	0.010	ND	ND
cis-Ocimene	0.025	0.010	ND	ND	Total			0.0750	0.750

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Detection (LOD), \*analytical instrumentation used:HS-GC-MS\*



Infinite Chemical Analysis Labs 8380 Miramar Mall #102 San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-0000019-LIC

Swider

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81.69

816.9

Josh Swider Lab Director, Managing Partner 09/09/2020

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.



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**Residual Solvent Analysis** 

Category 1		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status	Category 2	LC	Q LOD	) Limit	Status
1,2-Dichloro-Ethane	µg/g ND	µg/g 1	µg/g 0.5	µg/g 1	Pass	Acetone	µg/g ND	µg/g 300	µg/g 200	μg/g 5000	Pass	n-Hexane	μg/g μg ND	;/g µg/g 35 20	, , , , ,	Pass
Benzene	ND	1	0.5	1	Pass	Acetonitrile	ND	150	100	410	Pass	Isopropanol	ND 30	00 200	5000	Pass
Chloroform	ND	1	0.5	1	Pass	Butane	ND	300	200	5000	Pass	Methanol	<loq 3<="" td=""><td>0 200</td><td>3000</td><td>Pass</td></loq>	0 200	3000	Pass
Ethylene Oxide	ND	1	0.5	1	Pass	Ethanol	ND	300	200	5000	Pass	Pentane	ND 30	0 200	5000	Pass
Methylene-Chloride	ND	1	0.5	1	Pass	Ethyl-Acetate	ND	300	200	5000	Pass	Propane	ND 30	0 200	5000	Pass
Trichloroethene	ND	1	0.5	1	Pass	Ethyl-Ether	ND	300	200	5000	Pass	Toluene	ND 1	50 100	890	Pass
						Heptane	ND	300	200	5000	Pass	Xylenes	ND 1	50 100	2170	Pass

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### Heavy Metal Screening

		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g	
Arsenic	ND	0.048	0.016	0.2	Pass
Cadmium	ND	0.012	0.004	0.2	Pass
Lead	<loq< th=""><th>0.011</th><th>0.004</th><th>0.5</th><th>Pass</th></loq<>	0.011	0.004	0.5	Pass
Mercury	ND	0.033	0.011	0.1	Pass

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## **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\*



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Josh M Swider

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Josh Swider Lab Director, Managing Partner 09/09/2020

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### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status
	µg/g	µg/g	µg/g	
Aldicarb	ND	0.05	0.03	Pass
Carbofuran	ND	0.05	0.03	Pass
Chlordane	ND	0.1	0.05	Pass
Chlorfenapyr	ND	0.1	0.05	Pass
Chlorpyrifos	ND	0.05	0.03	Pass
Coumaphos	ND	0.05	0.03	Pass
Daminozide	ND	0.05	0.03	Pass
Dichlorvos	ND	0.05	0.03	Pass
Dimethoate	ND	0.05	0.03	Pass
Ethoprophos	ND	0.05	0.03	Pass
Etofenprox	ND	0.05	0.03	Pass
Fenoxycarb	ND	0.05	0.03	Pass
Fipronil	ND	0.05	0.03	Pass
Imazalil	ND	0.05	0.03	Pass
Methiocarb	ND	0.05	0.03	Pass
Parathion Methyl	ND	0.1	0.05	Pass
Mevinphos	ND	0.05	0.03	Pass
Paclobutrazol	ND	0.05	0.03	Pass
Propoxur	ND	0.05	0.03	Pass
Spiroxamine	ND	0.05	0.03	Pass
Thiacloprid	ND	0.05	0.03	Pass

5	Mycotoxins		LOQ	LOD	Limit	Status
		µg/kg	µg/kg	µg/kg	µg/kg	
s	B1	ND	5	3		Tested
S	B2	ND	5	3		Tested
S	G1	ND	5	3		Tested
S	G2	ND	5	3		Tested
S	Ochratoxin A	ND	10	7	20	Pass
s	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	0.05	0.03	0.1	Pass	Kresoxim Methyl	ND	0.05	0.03	0.1	Pass
Acephate	ND	0.05	0.03	0.1	Pass	Malathion	ND	0.05	0.03	0.5	Pass
Acequinocyl	ND	0.05	0.03	0.1	Pass	Metalaxyl	0.120	0.05	0.03	2	Pass
Acetamiprid	ND	0.05	0.03	0.1	Pass	Methomyl	ND	0.05	0.03	1	Pass
Azoxystrobin	ND	0.05	0.03	0.1	Pass	Myclobutanil	ND	0.05	0.03	0.1	Pass
Bifenazate	ND	0.05	0.03	0.1	Pass	Naled	ND	0.1	0.05	0.1	Pass
Bifenthrin	ND	0.25	0.1	3	Pass	Oxamyl	ND	0.2	0.1	0.5	Pass
Boscalid	ND	0.05	0.03	0.1	Pass	Pentachloronitrobenzene	ND	0.1	0.05	0.1	Pass
Captan	ND	0.35	0.2	0.7	Pass	Permethrin	<loq< th=""><th>0.25</th><th>0.1</th><th>0.5</th><th>Pass</th></loq<>	0.25	0.1	0.5	Pass
Carbaryl	ND	0.05	0.03	0.5	Pass	Phosmet	ND	0.05	0.03	0.1	Pass
Chlorantraniliprole	ND	0.05	0.03	10	Pass	Piperonyl Butoxide	ND	0.25	0.1	3	Pass
Clofentezine	ND	0.05	0.03	0.1	Pass	Prallethrin	ND	0.05	0.03	0.1	Pass
Cyfluthrin	ND	0.35	0.25	2	Pass	Propiconazole	ND	0.05	0.03	0.1	Pass
Cypermethrin	ND	0.35	0.2	1	Pass	Pyrethrins	ND	0.25	0.1	0.5	Pass
Diazinon	ND	0.05	0.03	0.1	Pass	Pyridaben	ND	0.05	0.03	0.1	Pass
Dimethomorph	ND	0.05	0.03	2	Pass	Spinetoram	ND	0.05	0.03	0.1	Pass
Etoxazole	ND	0.05	0.03	0.1	Pass	Spinosad	ND	0.05	0.03	0.1	Pass
Fenhexamid	ND	0.05	0.03	0.1	Pass	Spiromesifen	ND	0.05	0.03	0.1	Pass
Fenpyroximate	ND	0.05	0.03	0.1	Pass	Spirotetramat	ND	0.05	0.03	0.1	Pass
Flonicamid	ND	0.05	0.03	0.1	Pass	Tebuconazole	ND	0.05	0.03	0.1	Pass
Fludioxonil	ND	0.05	0.03	0.1	Pass	Thiamethoxam	ND	0.25	0.1	5	Pass
Hexythiazox	ND	0.05	0.03	0.1	Pass	Trifloxystrobin	ND	0.05	0.03	0.1	Pass
Imidacloprid	ND	0.35	0.1	5	Pass						

#### Unknown Analyte(s):

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