



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20231016-001  
Sample: CA231016-001-001  
LifeSpecB-Crude  
Strain: LifeSpecB-Crude  
Category: Concentrates & Extracts  
Type: Crude

Imperial CBD Extraction  
Lic. #  
551 West Main Street  
Brawley, CA 92227  
Lic. #

Batch#:   
Batch Size Collected:   
Total Batch Size:   
Collected: 11/09/2023; Received: 11/09/2023  
Completed: 11/09/2023

Moisture <b>NT</b>	Total THC <b>2.42%</b>	Total CBD <b>61.21%</b>	Total Cannabinoids <b>66.18%</b>	Total Terpenes <b>NT</b>
Water Activity <b>NT</b>				

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	POT-PREP-001	10/16/2023	Complete
Residual Solvents	RS-PREP-001	11/07/2023	Pass
Microbials	MICRO-PREP-001	11/08/2023	Pass
Mycotoxins	PESTMICO-LC-PREP-001	11/08/2023	Pass
Heavy Metals	HM-PREP-001	11/07/2023	Pass
Foreign Matter	FM-PREP-001	11/07/2023	Pass
Pesticides	PESTMICO-LC-PREP-001 / PEST-GC-PREP-001	11/08/2023	Pass



Scan to see results

## Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
THCa	0.3680	0.0924	ND	ND	CBGa	0.3965	0.1322	ND	ND
Δ9-THC	0.3680	0.1024	2.42	24.2	CBG	0.3920	0.1307	1.59	15.9
Δ8-THC	0.3680	0.0506	<LOQ	<LOQ	CBN	0.3680	0.0780	0.13	1.3
THCV	0.3680	0.0423	0.05	0.5	<b>Total THC</b>			<b>2.42</b>	<b>24.17</b>
CBDa	0.3680	0.0951	ND	ND	<b>Total CBD</b>			<b>61.21</b>	<b>612.12</b>
CBD	0.3680	0.0815	61.21	612.1	<b>Total</b>			<b>66.18</b>	<b>661.81</b>
CBDV	0.3680	0.0421	0.60	6.0					
CBC	0.4549	0.1516	0.18	1.8					

Total THC=THCa \* 0.877 + Δ9-THC + Δ8-THC + Δ8-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

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
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NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than 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# C8-0000047-LIC

*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
11/09/2023

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support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



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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## Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	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		µg/g	µg/g	µg/g	µg/g				
1,2-Dichloro-Ethane	ND	0.509	0.17	1	Pass	Acetone	ND	51.246	17.082	5000	Pass	n-Hexane	ND	0.2807	0.066	290	Pass	
Benzene	ND	0.064	0.021	1	Pass	Acetonitrile	ND	0.359	0.12	410	Pass	Isopropanol	ND	3.8401	1.28	5000	Pass	
Chloroform	ND	0.108	0.036	1	Pass	Butane	ND	4.849	0.971	5000	Pass	Methanol	ND	8.917	2.972	3000	Pass	
Ethylene Oxide	ND	0.579	0.153	1	Pass	Ethanol	ND	7.843	2.614	5000	Pass	Pentane	ND	4.271	0.962	5000	Pass	
Methylene-Chloride	ND	0.7288	0.127	1	Pass	Ethyl-Acetate	ND	2.288	0.313	5000	Pass	Propane	ND	13.302	4.434	5000	Pass	
Trichloroethene	ND	0.145	0.018	1	Pass	Ethyl-Ether	ND	3.548	1.183	5000	Pass	Toluene	ND	1.8	0.864	0.088	890	Pass
						Heptane	<LOQ	2.859	0.687	5000	Pass	Xylenes	ND	2.572	0.216	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	0.029	0.002	0.001	0.2	Pass
Lead	0.328	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 than 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.



Infinite Chemical Analysis Labs  
8312 Miramar Mall  
San Diego, CA  
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www.infiniteCAL.com  
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*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
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## Chemical Residue Screening

Category 1	LOQ	LOD	Status	Mycotoxins	LOQ	LOD	Limit	Status		
	µg/g	µg/g	µg/g		µg/kg	µg/kg	µg/kg			
Aldicarb	ND	0.030	0.008	Pass	B1	ND	8.98	2.96	Tested	
Carbofuran	ND	0.030	0.005	Pass	B2	ND	10.17	3.36	Tested	
Chlordane	ND	0.075	0.025	Pass	G1	ND	5.25	1.73	Tested	
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	6.26	2.07	Tested	
Chlorpyrifos	ND	0.046	0.015	Pass	Ochratoxin A	ND	13.37	4.41	20	Pass
Coumaphos	ND	0.030	0.004	Pass	Total Aflatoxins	ND		20	Pass	
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						
Imazalil	ND	0.030	0.009	Pass						
Methiocarb	ND	0.030	0.002	Pass						
Mevinphos	ND	0.030	0.008	Pass						
Paclobutrazol	ND	0.030	0.009	Pass						
Parathion Methyl	ND	0.024	0.008	Pass						
Propoxur	ND	0.030	0.008	Pass						
Spiroxamine	ND	0.030	0.006	Pass						
Thiacloprid	ND	0.030	0.005	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	<LOQ	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
Clofentzine	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	<LOQ	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	<LOQ	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
Imidacloprid	ND	0.033	0.011	5	Pass						

### Other Analyte(s):

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