# Infinite Chemical Analysis Labs



## **Certificate of Analysis**



Sample Name 200mg CBD H&C Roll-on, 1oz		ICAL ID	20230510-031		
Batch 230409		Registering Laboratory	San Diego		
Client Green Star Lab		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	May 18, 2023		

This report supersedes any previous revision with this reference. This document must not be reproduced, except in full. If samples were provided by the customer, results apply only to the samples 'as received' and responsibility for representative sampling rests with the customer. Water results are reported on an 'as is' basis. Infinite Chemical Analysis Labs, LLC makes no claims pertaining to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein.

#### **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)	<mdl< td=""><td>10</td><td>V = XI = X X X X X</td><td> In</td></mdl<>	10	V = XI = X X X X X	In
Coliforms	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
E. coli	<mdl< td=""><td>10</td><td></td><td></td></mdl<>	10		
Yeast & Mold	<mdl< td=""><td>10</td><td>***</td><td>***</td></mdl<>	10	***	***
Enterobacteriaceae	NT	10	The second of	
Salmonella spp.	NT	10	222	
Listeria spp.	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 May 18, 2023



### Certificate of Analysis

ICAL ID: 20230510-031

Category: Topical

Type: Other

Sample: CA230510-023-078

200mg CBD H&C Roll-on, 1oz

Strain: 200mg CBD H&C Roll-on, 1oz

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Lic.#

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

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Batch#: 230409 Batch Size Collected: Total Batch Size: Collected: 05/15/2023; Received: 05/15/2023 Completed: 05/15/2023

Moisture NT Water Activity Δ9-ΤΗС NT

CBD NT

**Total Cannabinoids** NT

**Total Terpenes** 

NT

NT Summary

Heavy Metals

SOP Used

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

Total THC=THCa \* 0.877 + d9-THC:Total CBD = CBDa \* 0.877 + CBD, LOD= Limit of Detection, LOO= 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 SAMPI-SOP-001.

#### **Terpene Profile**

Analyte

LOD (mg/g) %

mg/g Analyte

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-



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Josh Swider Lab Director, Managing Partner 05/15/2023

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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.

## Certificate of Analysis

ICAL ID: 20230510-031 Sample: CA230510-023-078 200mg CBD H&C Roll-on, 1oz Strain: 200mg CBD H&C Roll-on, 1oz Category: Topical

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

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Batch#: 230409 Batch Size Collected: Total Batch Size: Collected: 05/15/2023; Received: 05/15/2023 Completed: 05/15/2023

Residua	l Solvent	Analy	/sis
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Type: Other

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ L	OD	Limit	Status	Category 2	DO:	fOD	Limit	Status

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	Mil/8:	µg/g	tig/g	
Arsenic	ND	0.009	0.003	1.5	Pass
Cadmium	ND	0.002	0.001	0.5	Pass
Lead	ND	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

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



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**QA SAMPLE - INFORMATIONAL ONLY** 

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Batch#: 230409 Batch Size Collected: Total Batch Size: Collected: 05/15/2023; Received: 05/15/2023 Completed: 05/15/2023

**Chemical Residue Screening** 

Category: Topical

Type: Other

ICAL ID: 20230510-031

Sample: CA230510-023-078 200mg CBD H&C Roll-on, 1oz

Strain: 200mg CBD H&C Roll-on, 1oz

Category 1 LOO LOD Status Mycotoxins LOO LOD Limit Status

Category 2 LOQ LOD Limit Status Category 2 LOQ LOD Limit Status

#### 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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