

**ANALYTICAL REPORT**  
**AR-231502**

**Customer Information**

**Customer:** Green Star Labs

**Customer Reference No.:** N/A

**Address:** 4075 Ruffin Rd, San Diego, CA 92154

**Attn:** Quality Department

**Sample Information**

**Received on:** 6/02/2023

**Condition upon receipt:** Acceptable, 21.5 °C, 54.2% RH

**Analyzed on:** 6/05/2023

**Report date:** 6/12/2023

**Description:** 25 mg CBD, Alert Capsule, 5 ct

**Lot No.:** 230413

**Analytical Results**

Analysis	Specification	Test result	Method
Lead (Pb)		0.006 ppm	ICP-MS
Arsenic (As)		0.014 ppm	ICP-MS
Cadmium (Cd)		<0.001 ppm	ICP-MS
Mercury (Hg)		<0.001 ppm	ICP-MS
Total Plate Count		<10 CFU/g	USP <2021>
Yeast and Mold Count		<10 CFU/g	USP <2021>
<i>Staphylococcus aureus</i>		Not Detected in 10 g	USP <2022>
<i>Salmonella</i> spp.		Not Detected in 10 g	USP <2022>
<i>Escherichia coli</i>		Not Detected in 10 g	USP <2022>



Approved by:

Ivan Gonzalez MSc

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QC Manager—Head Chemist

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\*\*\*END OF REPORT \*\*\*

**Vertex Analytical Labs LLC**

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# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20230606-020  
Sample: CA230606-022-048  
10540040 - 25mg CBD, Alert Capsule, 5 ct  
Strain: 10540040 - 25mg CBD, Alert Capsule, 5 ct  
Category: Ingestible  
Type: Capsule

Green Star Labs, Inc  
Lic. #  
San Diego  
San Diego, CA 92121  
Lic. #

Batch#: 230413  
Batch Size Collected:  
Total Batch Size:  
Collected: 06/07/2023; Received: 06/07/2023  
Completed: 06/07/2023

Moisture	Δ9-THC	CBD	Total Cannabinoids	Total Terpenes
NT	ND	23.83 mg/unit	24.02 mg/unit	NT
Water Activity				
NT				

**Summary**      SOP Used      Date Tested

Batch      POT-PREP-004 High      06/06/2023      Complete

Cannabinoids      Complete



Scan to see results

## Cannabinoid Profile

1 Unit = capsule, 0.61 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.1241	0.0614	ND	ND	ND	CBGa	0.2669	0.0290	ND	ND	ND
Δ9-THC	0.0774	0.0265	ND	ND	ND	CBG	0.0915	0.0305	ND	ND	ND
Δ8-THC	0.0824	0.0275	ND	ND	ND	CBN	0.1112	0.0371	ND	ND	ND
THCV	0.0714	0.0238	ND	ND	ND	<b>Total THC</b>			ND	ND	ND
CBDa	0.0480	0.0193	ND	ND	ND	<b>Total CBD</b>			3.91	39.06	23.83
CBD	0.0755	0.0252	3.906	39.06	23.83	<b>Total</b>			3.94	39.37	24.02
CBDV	0.0741	0.0247	0.031	0.31	0.19						
CBC	0.2221	0.0745	ND	ND	ND						

Total THC=THCa \* 0.877 + Δ9-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  
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*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
06/07/2023

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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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2 of 3

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Strain: 10540040 - 25mg CBD, Alert Capsule, 5 ct  
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Type: Capsule

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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
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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 RS-INST-003.

## Heavy Metal Screening

	LOQ	LOD	Limit	Status
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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: ICP-MS; samples analyzed according to SOP HM-INST-003.

## Microbiological Screening

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



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## Chemical Residue Screening

Category 1	LOQ	LOD	Status	Mycotoxins	LOQ	LOD	Limit	Status
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Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status
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### 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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