

**SAMPLE NAME: Sleep CBD Capsules - 15 Count**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name:** Terravita CBD

**License Number:**

**Address:**

**SAMPLE DETAIL**

**Batch Number:**

**Sample ID:** 200813Q001

**Date Collected:** 08/13/2020

**Date Received:** 08/13/2020

**Batch Size:**

**Sample Size:** 1.0 Unit(s)

**Unit Mass:** 10.3015 Grams per Unit

**Serving Size:** 0.6868 Grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** Not Detected

**Total CBD:** 433.127 mg/unit

**Sum of Cannabinoids:** 440.863 mg/unit

**Total Cannabinoids:** 440.864 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
 Total THC =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDA} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$   
 Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Moisture:** NT

**Density:** NT

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

**$\Delta 9\text{THC}$  per Unit:** ✔ PASS

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E Acetate:** NT

**Pesticides:** NT

**Mycotoxins:** NT

**Residual Solvents:** NT

**Heavy Metals:** NT

**Microbial Impurities (PCR):** NT

**Microbial Impurities (Plating):** NT

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

*Jackson W-H* *Josh Wurze*  
 LQC verified by: Jackson Waite-Himmelwright Approved by: Josh Wurze, President  
 Date: 08/18/2020 Date: 08/18/2020



## Cannabinoïd Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP - (1157) Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: Not Detected**

Total THC ( $\Delta 9\text{THC} + 0.877 * \text{THCa}$ )

**TOTAL CBD: 433.127 mg/unit**

Total CBD ( $\text{CBD} + 0.877 * \text{CBDa}$ )

**TOTAL CANNABINOIDS: 440.864 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8\text{THC}$  + CBL + CBN

**TOTAL CBG: 4.234 mg/unit**

Total CBG ( $\text{CBG} + 0.877 * \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 * \text{THCVa}$ )

**TOTAL CBC: ND**

Total CBC ( $\text{CBC} + 0.877 * \text{CBCa}$ )

**TOTAL CBDV: 1.566 mg/unit**

Total CBDV ( $\text{CBDV} + 0.877 * \text{CBDVa}$ )

### CANNABINOID TEST RESULTS - 08/15/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.080 / 0.220	$\pm 2.0140$	42.045	4.2045
CBG	0.040 / 0.100	$\pm 0.0256$	0.411	0.0411
CBN	0.020 / 0.080	$\pm 0.0069$	0.188	0.0188
CBDV	0.040 / 0.140	$\pm 0.0080$	0.152	0.0152
$\Delta 9\text{THC}$	0.040 / 0.100	N/A	ND	ND
$\Delta 8\text{THC}$	0.20 / 0.40	N/A	ND	ND
THCa	0.020 / 0.040	N/A	ND	ND
THCV	0.040 / 0.160	N/A	ND	ND
THCVa	0.040 / 0.100	N/A	ND	ND
CBDa	0.020 / 0.060	N/A	ND	ND
CBDVa	0.020 / 0.060	N/A	ND	ND
CBGa	0.040 / 0.120	N/A	ND	ND
CBL	0.060 / 0.160	N/A	ND	ND
CBC	0.060 / 0.200	N/A	ND	ND
CBCa	0.020 / 0.080	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>42.796 mg/g</b>	<b>4.2796%</b>

Unit Mass: 10.3015 Grams per Unit / Serving Size: 0.6868 Grams per Serving

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	ND	PASS
$\Delta 9\text{THC}$ per Serving		ND	
Total THC per Unit		ND	
Total THC per Serving		ND	
CBD per Unit		433.127 mg/unit	
CBD per Serving		28.877 mg/serving	
Total CBD per Unit		433.127 mg/unit	
Total CBD per Serving		28.877 mg/serving	
Sum of Cannabinoids per Unit		440.863 mg/unit	
Sum of Cannabinoids per Serving		29.392 mg/serving	
Total Cannabinoids per Unit		440.864 mg/unit	
Total Cannabinoids per Serving		29.392 mg/serving	

#### MOISTURE TEST RESULT

Not Tested
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#### DENSITY TEST RESULT

Not Tested
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#### VISCOSITY TEST RESULT

Not Tested
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#### NOTES

COA Amended update to results.