



**Certificate of Analysis**  
Compliance Test

Client Information:

**CAROLINA BOTANICAL  
DEVELOPMENT**  
131 PREAMBLE CT  
ANDERSON, SC 29621

Batch # PR.230825.A.B.C.D  
Batch Date: 2023-08-17  
Extracted From: HEMP

Test Reg State: Florida

Production Facility: Carolina Botanical  
Development  
Production Date: 2023-08-17

Order # CAR230825-010001  
Order Date: 2023-08-25  
Sample # AAEU779

Sampling Date: 2023-08-28  
Lab Batch Date: 2023-08-28  
Completion Date: 2023-08-30

Initial Gross Weight: 30.952 g  
Net Weight: 21.252 g

Number of Units: 1  
Net Weight per Unit: 4250.400 mg



Potency  
Tested

Product Image

Potency 10  
Specimen Weight: 1504.300 mg

Tested  
SOP13.001 (LCUV)

Pieces For Panel: 5

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	100.000	5.40E-5	0.015	11.410	1.141
Delta-9 THC	10.000	1.30E-5	0.015	0.550	0.055
CBC	10.000	1.80E-5	0.015	0.380	0.038
CBG	10.000	2.48E-4	0.015	0.300	0.030
CBDA	10.000	1.00E-5	0.015	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.015	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.015	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.015	<LOQ	<LOQ
THCA-A	10.000	3.20E-5	0.015	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.015	<LOQ	<LOQ
Total Active CBD	10.000			11.410	1.141
Total Active THC	10.000			0.550	0.055

Potency Summary

<b>Total Active THC</b> 0.055% 2.340mg	<b>Total Active CBD</b> 1.141% 48.500mg
<b>Total CBG</b> 0.030% 1.280mg	<b>Total CBN</b> None Detected
<b>Other Cannabinoids</b> 0.038% 1.62mg	<b>Total Cannabinoids</b> 1.264% 53.730mg

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THC + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THC + CBL + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034 Sample not received via laboratory sampling.

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