



## Certificate of Analysis

Compliance Test

### Client Information:

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

Batch # PR.230609  
Batch Date: 2023-06-09  
Extracted From: Hemp

Test Reg State: Florida

Production Facility: Carolina Botanical  
Development  
Production Date: 2023-06-09

Order # CAR230619-010001  
Order Date: 2023-06-19  
Sample # AAEP199

Sampling Date: 2023-06-22  
Lab Batch Date: 2023-06-22  
Completion Date: 2023-06-28

Initial Gross Weight: 79.057 g



Product Image



Potency  
Tested

### Potency 10

Specimen Weight: 116.370 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	100.000	5.40E-5	0.0015	58.230	5.823
CBDA	100.000	1.00E-5	0.0015	3.460	0.346
CBC	100.000	1.80E-5	0.0015	1.990	0.199
Delta-9 THC	100.000	1.30E-5	0.0015	1.870	0.187
CBG	100.000	2.48E-4	0.0015	0.630	0.063
CBN	100.000	1.40E-5	0.0015	0.300	0.030
CBDV	100.000	6.50E-5	0.0015	<LOQ	<LOQ
CBGA	100.000	8.00E-5	0.0015	<LOQ	<LOQ
THCA-A	100.000	3.20E-5	0.0015	<LOQ	<LOQ
THCV	100.000	7.00E-6	0.0015	<LOQ	<LOQ
Total Active CBD	100.000			61.264	6.126
Total Active THC	100.000			1.870	0.187

### Tested

SOP13.001 (LCUV)



### Potency Summary

Total Active THC  
0.187%


Total Active CBD  
6.126%

Total CBG  
0.063%

Total CBN  
0.030%

Other Cannabinoids  
0.199%

Total Cannabinoids  
6.605%

  
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 THCV = THCV + (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 THCV + CBL + Total THC + 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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