



SPECTRUM
CBD BOTANICALS

Sample Type:	Flower
ITEM NAME:	Trump
LAB ID:	201029_MMG_Trump_State
RECEIVED:	10/28/2020
ANALYZED:	10/30/2020
Sample Weight:	112.60 mg

Cannabinoid Potency

Analyte	LOQ (%)	Amount (%)	Amount (mg/g)	THC Ratios (Cannabinoid:THC)		Total Cannabinoids After Decarboxylation	
				Analyte	Total	Analyte	Total
THCA	0.011	0.218	2.18	CBD	35.47	THC	0.39%
Δ9-THC	0.011	0.199	1.99	CBDV	0.50	CBD	13.84%
Δ8-THC	0.011	ND	ND	CBN	ND	CBDV	0.19%
CBDA	0.005	12.991	129.91	CBG	1.29	CBG	0.51%
CBD	0.011	2.449	24.49	CBC	1.31	CBC	0.51%
CBDVA	0.011	0.179	1.79	CBL	ND	THCV	ND
CBDV	0.005	0.039	0.39	THCV	ND		
CBN	0.005	ND	ND				
CBGA	0.011	0.439	4.39				
CBG	0.011	0.120	1.20				
CBCA	0.002	0.430	4.30				
CBC	0.005	0.134	1.34				
CBL	0.011	ND	ND				
THCV	0.028	ND	ND				
THCVA	0.011	ND	ND				
Total	N/A	17.20	171.97				


$THC\% = THC\% + 0.877 * THCA\%$
 $CBD\% = CBD\% + 0.877 * CBDA\%$
 $CBG\% = CBG\% + 0.878 * CBGA\%$
 $CBC\% = CBC\% + 0.877 * CBCA\%$
 $CBDV\% = CBDV\% + 0.867 * CBDVA\%$
 $THCV\% = THCV\% + 0.867 * THCVA\%$

Multiplication Factor = $\frac{Decarbed\ Cannabinoid\ (MW)}{Acidic\ Cannabinoid\ (MW)}$
 (MW) = Molecular Weight

Pass/Fail Status		Laboratory Comments
Sample Type: Hemp-Flower		
Δ9-THC Potency <100 mg/Pkg: Not Applicable (Retail Marijuana Only)		
Δ9-THC Variance <15%: Not Applicable (Marijuana Only)		
Homogeneity: NA		
Total THC <0.3% by weight:	Fail 0.39%	N/A

These results relate solely to the sample tested. Sample analyzed by an Agilent 1100 HPLC-DAD (G1315B). Results are based on the average of four HPLC tests. Spectrum CBD Botanicals warrants that all work performed conforms to the industry standards in effect for cannabis when services are rendered. Spectrum CBD Botanicals disclaims any implied warranties, except where such a disclaimer is prohibited by law.

Final Approval


Results Analyzed By:
Joseph Battles
Analyst


Results Approved By:
Corey Keating
Lab Director

1 of 1

ACS LABORATORY CANNABIS & HEMP BEYOND COMPLIANCE

721 Cortaro Dr. Sun City Center, FL 33573 www.acslabcannabis.com

License No. 800025015 FL License # CMTL-0003 CLIA No. 10D1094068

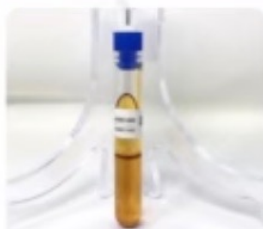
Delta 8 Sample Matrix: CBD/HEMP Derivative Products (Ingestion)

Certificate of Analysis

Compliance Test

Batch # Abfd821063 Test Reg State: Florida Production Facility: Blue Grass Extracts
Batch Date: 2021-03-17 Lab Batch Date: 2021-03-22 Production Date: 2021-03-17
Extracted From: Hemp

Order # BLU210317-010047 Sampling Date: 2021-03-22 Initial Gross Weight: 13.274 g
Order Date: 2021-03-17 Lab Batch Date: 2021-03-22
Sample # AABC480 Completion Date: 2021-03-25



Potency Tested

Product Image



Delta 8/Delta 10 Potency 12

Tested (LCUV)

Specimen Weight: 48.660 mg

Table with columns: Analyte, Dilution (1:n), LOD (%), LOQ (%), Result (mg/g), and (%). Rows include Delta-8 THC, CBN, Delta-10 THC, Delta-9 THC, CBC, CBD, THCV, THCA-A, CBGA, CBG, CBDV, and CBDA.

Potency Summary

Summary table with 2 columns: Total THC, Total CBD, Total CBG, Total CBN, Other Cannabinoids, Total Cannabinoids. Values include 'None Detected' and percentages like 96.780% and 96.870%.

Xueli Gao Lab Toxicologist Ph.D., DABT

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



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877). *Total THC = THCA-A * 0.877 + Delta 9 THC. *CBG Total = (CBGA * 0.877) + CBG. *CBN Total = (CBNA * 0.877) + CBN. *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A. *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A. *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (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) = aw (area ratio) = Area Ratio, (mg/kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.