

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

DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068  
Client Information:

**HAPPY MOOD GUMMIES**  
Sample Matrix:  
CBD/HEMP  
Edibles  
(Ingestion)



**Certificate of Analysis**

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Compliance Test

The Trusted Lab

1334 Motor Circle  
Dallas, TX 75219  
Order #THE240801-040001  
Order Date: 2024-08-01  
Sample # AAFV208

Batch # 5092408  
Batch Date: 2024-08-01  
Extracted From: HEMP

Test Reg State: Florida

Sampling Date: 2024-08-06

Lab Batch Date: 2024-08-06  
Completion Date: 2024-08-08

Initial Gross Weight: 60.600 g  
Net Weight: 28.704 g

Number of Units: 1  
Net Weight per Unit: 2870.400 mg



Product Image

**Potency**  
Tested

**Potency 10**  
Specimen Weight: 1533.500 mg

**Tested**  
SOP13.001 (LCUV)

Potency Summary

Total Active THC None Detected	Total Active CBD None Detected
Total CBG 1.080% 31.000 mg	Total CBN None Detected
Total Cannabinoids 1.080% 31.000 mg	

Potency per gummy

Pieces For Panel: 10

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (m g/ g)	(%)
CBG	10.000	2.48E-4	0.015	10.800	1.08
CBC	10.000	1.80E-5	0.015	<LOQ	0
CBD	10.000	5.40E-5	0.015	<LOQ	<LOQ
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
Delta-9 THC	10.000	1.30E-5	0.015	<LOQ	<LOQ
THC A - 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			<LOQ	<LOQ
Total Active THC	10.000			<LOQ	<LOQ

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.867), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87) , CBG Total = (CBGA \* 0.878) + CBG, CBN Total = (CBNA \* 0.876) + 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, Total Cannabinoids = Total percentage of cannabinoids within the sample. (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, (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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