



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

Certificate of Analysis

Compliance Test

Batch # Lot#01191
Batch Date: 2022-09-22
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # ARE221019-010001
Order Date: 2022-10-19
Sample # AADP312

Sampling Date: 2022-10-20
Lab Batch Date: 2022-10-20
Completion Date: 2022-10-26

Initial Gross Weight: 61.915 g



Product Image

Potency Tested	Heavy Metals Passed	2-3-Butanedione Passed	Mycotoxins Passed	Pesticides Passed
Residual Solvents Passed	Pathogenic Microbiology Passed	Listeria Monocytogenes Passed	Vitamin E Passed	

Potency 10

Specimen Weight: 50.700 mg

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
THCA-A	10.000	3.20E-5	0.0015	999.5820	99.9582
CBGA	10.000	8.00E-5	0.0015	0.1520	0.0152
CBN	10.000	1.40E-5	0.0015	0.0570	0.0057
CBD	10.000	1.00E-5	0.0015	0.0530	0.0053
THCV	10.000	2.48E-4	0.0015	0.0290	0.0029
CBDV	10.000	7.00E-6	0.0015	0.0260	0.0026
CBD	10.000	1.80E-5	0.0015	<LOQ	<LOQ
CBDV	10.000	5.40E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	6.50E-5	0.0015	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.0015	<LOQ	<LOQ

Potency Summary

Total Active THC 87.663%	Total Active CBD 0.005%
Total CBG 0.016%	Total CBN 0.006%
Other Cannabinoids 0.003%	Total Cannabinoids 87.693%

Merged Potency from retest AADQ486

Mycotoxins

Specimen Weight: 261.200 mg

SOP13.007 (LCMS)

Passed

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	3.0400E-1	6	20	<LOQ
Aflatoxin B2	7.7000E-2	6	20	<LOQ
Aflatoxin G1	3.0400E-1	6	20	<LOQ

Pathogenic Microbiology

Specimen Weight: 1018.830 mg

SOP13.019 (Micro Array)

Passed

Dilution Factor: 1.000

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus flavus	Absence in 1g	Aspergillus terreus	Absence in 1g
Aspergillus fumigatus	Absence in 1g	Salmonella	Absence in 1g
Aspergillus niger	Absence in 1g	STEC E. Coli	Absence in 1g

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Lab Toxicologist

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Lab Director/Principal Scientist



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 = 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, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, 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 = +/- 10%

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