

SUMMARY OF ANALYSIS (SAMPLE ID: SA37761)

Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273	Customer ID: 2263 Dr Cass 6370 W. Emerald Parkway Suite 100 Monee, IL 60449 License: Not Entered or N/A	Order ID: OR10984 Lot Number: 20240503-100FS Batch Number: 20240503-100FS	Sample Type: Primary Matrix: Oil/Tincture Mass: 11 Date Collected: 05/01/2024 Date Received: 06/18/2024 Date Completed: 06/19/2024
Cultivar (Strain) or Sample Description: 3000mg Full Spectrum Tincture			

*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed. All contaminant action levels are referenced from the State of Arkansas MMJ testing guidelines.

Moisture Content (%)

Not Tested

Water Activity (aw)

Not Tested

PASS/FAIL

PASS

Moisture content/water activity action levels are referenced from the State of Arkansas MMJ testing guidelines.

Moisture content levels less than 15% are recommended but the sample does not fail. Water activity levels must be less than 0.65aw.

<u>Cannabinoids (Top 3)</u>	<u>(%)</u>	<u>mg/g</u>
CBD	9.57	95.7
CBC	0.253	2.53
Δ9-THC	0.231	2.31
TOTAL CBD	9.57	95.7
TOTAL THC	0.231	2.31
TOTAL CANNABINOIDS	10.3	103

<u>Contaminants</u>	<u>PASS/FAIL</u>	<u>Sample Picture Upon Receipt</u>

REPORT OF LABORATORY ANALYSIS

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Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA37761)

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CANNABINOID (POTENCY) PROFILE (SOP: SOP-CANN-001)

Analysis Date/Time: 06/18/2024 1342 **Method:** HPLC/DAD **Moisture Content (%):** -
Analyst: PW **Instrument:** Agilent 1100 **Water Activity (aw):** -

<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/g)</u>	<u>LOD (mg/g)</u>	<u>LOQ (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Serving (mg)</u>	<u>Per Unit (mg)</u>
CBC	0.253	2.53	0.00492	0.0115	-	2.53	76.0
CBCA	ND	ND	0.0153	0.0356	-	-	-
CBD	9.57	95.7	0.0347	0.0810	-	95.7	2870
CBDA	ND	ND	0.0128	0.0298	-	-	-
CBDV	ND	ND	0.00556	0.0130	-	-	-
CBDVA	ND	ND	0.0148	0.0346	-	-	-
CBG	0.151	1.51	0.0225	0.0526	-	1.51	45.2
CBGA	0.00429	0.0429	0.0319	0.0377	-	0.0429	1.29
CBL	ND	ND	0.0260	0.0607	-	-	-
CBN	0.0492	0.492	0.0119	0.0279	-	0.492	14.7
CBNA	ND	ND	0.0129	0.0301	-	-	-
Δ9-THC	0.231	2.31	0.0143	0.0334	-	2.31	69.4
Δ8-THC	ND	ND	0.0223	0.0522	-	-	-
THCA	ND	ND	0.00776	0.0182	-	-	-
THCV	ND	ND	0.0186	0.0434	-	-	-
THCVA	ND	ND	0.00595	0.0138	-	-	-
TOTAL	10.3	103				103	3080
TOTAL CBC	0.253	2.53				2.53	76.0
TOTAL CBD	9.57	95.7				95.7	2870
TOTAL CBDV	-	-				-	-
TOTAL CBG	0.154	1.54				1.54	46.3
TOTAL CBN	0.0492	0.492				0.492	14.7
TOTAL THC	0.231	2.31				2.31	69.4
TOTAL THC V	-	-				-	-

SERVING MASS (g): 1.00
SERVINGS/UNIT: 30

"-" Not detected above LOD.

Deviations from standard operating procedure:
None

Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total CBC = (CBCA x 0.877) + CBC
Total CBD = (CBDA x 0.877) + CBD
Total CBDV = (CBDVA x 0.867) + CBDV
Total CBG = (CBGA x 0.878) + CBG
Total CBN = (CBNA x 0.876) + CBN
Total THC = (THCA x 0.877) + Δ9-THC
Total THC V = (THCVA x 0.867) + THCV

Percentage results are reported by mass.

mg/g results are reported as mass component per mass material.

Abbreviations: DAD - Diode Array Detector, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation, DET - Detected (less than LOQ), LOD - Limit of Detection, LOQ - Limit of Quantitation, UM - Measurement Uncertainty

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