

SUMMARY OF ANALYSIS (SAMPLE ID: SA35801)

Testing Location: Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273	Customer ID: 37 Can-Tek Labs 8107 S I-35 Service Rd Oklahoma City, OK 73149 License: Not Entered or N/A	Order ID: OR10564 Lot Number: 0208-20 Batch Number: CTK-080323-02	Sample Type: Primary Matrix: Lotion/Salve Mass: 60mL Date Collected: 08/08/2023 Date Received: 08/08/2023
Cultivar (Strain) or Sample Description: Balm			Date Completed: 08/11/2023

*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

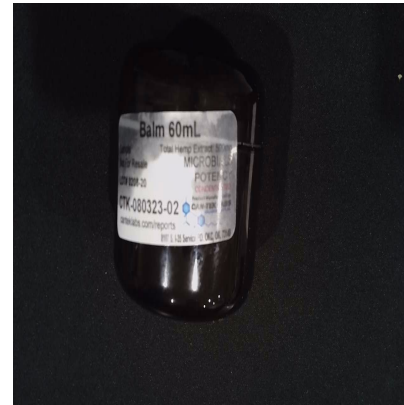
Moisture content/water activity action levels are referenced from the State of Arkansas MMJ testing guidelines.

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

Cannabinoids (Top 3)	(%)	mg/g
CBD	0.853	8.53
CBG	0.0730	0.730
CBN	0.0106	0.106
TOTAL CBD	0.853	8.53
TOTAL THC	-	-
TOTAL CANNABINOIDS	0.941	9.41

Contaminants	PASS/FAIL
Microbiology:	PASS

Sample Picture Upon Receipt



Scan the QR code to verify results.

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The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

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



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA35801)

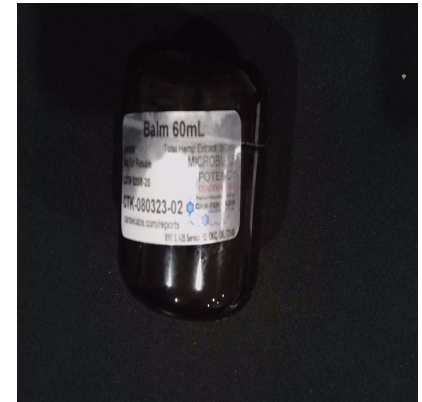
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CANNABINOID (POTENCY) PROFILE (SOP: SOP-CANN-001)

Analysis Date/Time: 08/08/2023 1705 **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	0.00408	0.0408	0.00227	0.00530	-	0.0408	2.45
CBCA	ND	ND	0.00705	0.0164	-	-	-
CBD	0.853	8.53	0.0160	0.0374	-	8.53	512
CBDA	ND	ND	0.00589	0.0138	-	-	-
CBDV	ND	ND	0.00257	0.00599	-	-	-
CBDVA	ND	ND	0.00685	0.0160	-	-	-
CBG	0.0730	0.730	0.0104	0.0243	-	0.730	43.8
CBGA	ND	ND	0.0147	0.0174	-	-	-
CBL	ND	ND	0.0120	0.0280	-	-	-
CBN	0.0106	0.106	0.00551	0.0129	-	0.106	6.35
CBNA	ND	ND	0.00595	0.0139	-	-	-
Δ9-THC	ND	ND	0.00661	0.0154	-	-	-
Δ8-THC	ND	ND	0.0103	0.0241	-	-	-
THCA	ND	ND	0.00358	0.00838	-	-	-
THCV	ND	ND	0.00860	0.0200	-	-	-
THCVA	ND	ND	0.00275	0.00639	-	-	-
TOTAL	0.941	9.41			-	9.41	565
TOTAL CBC	0.00408	0.0408			-	0.0408	2.45
TOTAL CBD	0.853	8.53			-	8.53	512
TOTAL CBDV	-	-			-	-	-
TOTAL CBG	0.0730	0.730			-	0.730	43.8
TOTAL CBN	0.0106	0.106			-	0.106	6.35
TOTAL THC	-	-			-	-	-
TOTAL THC V	-	-			-	-	-



SERVING MASS (g): 1.00
SERVINGS/UNIT: 60

"-" 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) + THC V

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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MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 08/10/2023 0832 **Method:** Hardy Diagnostics CompactDry **Deviations from SOP:**
Analyst: PW **Instrument:** Thermo Incubator None

Bacteria/Microbe	Result (CFU/g)	Action Level (CFU/g)
Aerobic Plate Count	NT	-
Coliforms, Total	Absent	1
Escherichia Coli (E. Coli)	Absent	100
Mold/Yeast	Absent	-
Pseudomonas aeruginosa	NT	-
Salmonella spp.	Absent	-
Staphylococcus aureus	Absent	-



Abbreviations: EC - Escherichia Coli, CFU - Colony-Forming Unit, RL - Reporting Limit, AL - Action Level, TNTC - Too Numerous To Count, NT - Not Tested
Absent - Not Detected Above RL, Present - Detected Above RL

Color Key



Reporting Limit (CFU/g)
1

Action levels for microbiology are referenced from the State of Arkansas MMJ testing guidelines.
A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

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