

**SUMMARY OF ANALYSIS (SAMPLE ID: SA30665)**

<b>Testing Location:</b> Arkansas 232 S. Broadview St. Greenbrier, AR 72058 License: ADA 05_H273	<b>Customer ID:</b> 37 Can-Tek Labs 8107 S I-35 Service Rd Oklahoma City, OK 73149 License: Not Entered or N/A	<b>Order ID:</b> OR9676 <b>Lot Number:</b> 1213-11 <b>Batch Number:</b> CTK-012422-02	<b>Sample Type:</b> Primary <b>Matrix:</b> Lotion/Salve <b>Mass:</b> 60g <b>Date Collected:</b> 01/27/2022 <b>Date Received:</b> 01/27/2022
<b>Cultivar (Strain) or Sample Description:</b> Balm 60ml			<b>Date Completed:</b> 01/31/2022

\*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 Oklahoma-Topical/Transdermal MMJ testing guidelines.

**Moisture Content (%)**

Not Tested

**Water Activity (aw)**

Not Tested

**PASS/FAIL**

N/A

Moisture content/water activity action levels are referenced from the State of Oklahoma-Topical/Transdermal 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.

<b>Cannabinoids (Top 3)</b>	<b>(%)</b>	<b>mg/g</b>
CBD	0.829	8.29
CBG	0.114	1.14
CBDA	0.00791	0.0791
TOTAL CBD	0.835	8.35
TOTAL THC	-	-
TOTAL CANNABINOIDS	0.962	9.62

<b>Contaminants</b>	<b>PASS/FAIL</b>
Microbiology:	<b>PASS</b>

**Sample Picture Upon Receipt**



Scan the QR code to verify results.

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**REPORT OF LABORATORY ANALYSIS**

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



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30665)**

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**Cultivar (Strain) or Sample Description:** Balm 60ml **Date Completed:** 01/31/2022

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

<b>Analysis Date/Time:</b> 1/27/2022 1216	<b>Method:</b> HPLC/DAD	<b>Moisture Content (%):</b> -
<b>Analyst:</b> PW	<b>Instrument:</b> Agilent 1100	<b>Water Activity (aw):</b> -

<u>Cannabinoid</u>	<u>Result (%)</u>	<u>UM (+/-%)</u>	<u>Result (mg/g)</u>	<u>LOQ (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Serving (mg)</u>	<u>Per Unit (mg)</u>
CBC	0.00603	0.000845	0.0603	0.0250	-	0.0603	3.62
BCA	-	-	-	0.0250	-	-	-
CBD	0.829	0.0746	8.29	0.250	-	8.29	497.0
CBDA	0.00791	0.000791	0.0791	0.0250	-	0.0791	4.74
CBDV	0.00541	0.000866	0.0541	0.0250	-	0.0541	3.25
CBDVA	DET	-	DET	0.0250	-	-	-
CBG	0.114	0.0148	1.14	0.0250	-	1.14	68.5
CBGA	-	-	-	0.0250	-	-	-
CBL	-	-	-	0.0250	-	-	-
CBN	-	-	-	0.0250	-	-	-
CBNA	-	-	-	0.0250	-	-	-
Δ9-THC	-	-	-	0.0250	-	-	-
Δ8-THC	-	-	-	0.0250	-	-	-
THCA	-	-	-	0.0250	-	-	-
THCV	-	-	-	0.0250	-	-	-
THCVA	-	-	-	0.0250	-	-	-
<b>TOTAL</b>	<b>0.962</b>	<b>0.0919</b>	<b>9.62</b>			<b>9.62</b>	<b>577.0</b>
<b>TOTAL CBC</b>	<b>0.00603</b>	<b>0.000845</b>	<b>0.0603</b>			<b>0.0603</b>	<b>3.62</b>
<b>TOTAL CBD</b>	<b>0.835</b>	<b>0.0753</b>	<b>8.35</b>			<b>8.35</b>	<b>501.0</b>
<b>TOTAL CBDV</b>	<b>0.00541</b>	<b>0.000866</b>	<b>0.0541</b>			<b>0.0541</b>	<b>3.25</b>
<b>TOTAL CBG</b>	<b>0.114</b>	<b>0.0148</b>	<b>1.14</b>			<b>1.14</b>	<b>68.5</b>
<b>TOTAL CBN</b>	<b>-</b>	<b>-</b>	<b>-</b>			<b>-</b>	<b>-</b>
<b>TOTAL THC</b>	<b>-</b>	<b>-</b>	<b>-</b>			<b>-</b>	<b>-</b>
<b>TOTAL THCV</b>	<b>-</b>	<b>-</b>	<b>-</b>			<b>-</b>	<b>-</b>



**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 = (BCA 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 THCV = (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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**MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)**

**Analysis Date/Time:** 01/31/2022 0841      **Method:** Hardy Diagnostics CompactDry      **Deviations from SOP:**  
**Analyst:** PW      **Instrument:** Thermo Incubator      None

<u>Bacteria/Microbe</u>	<u>Result (CFU/g)</u>	<u>Action Level (CFU/g)</u>
Aerobic Plate Count	NT	-
Coliforms, Total	Absent	-
Escherichia Coli (E. Coli)	Absent	1
Mold/Yeast	Absent	10000
Salmonella spp.	Absent	1
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 Oklahoma-Topical/Transdermal 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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