

**SUMMARY OF ANALYSIS (SAMPLE ID: SA30685)**

<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> OR9685 <b>Lot Number:</b> 1213-13 <b>Batch Number:</b> CTK-013122-01-FRF	<b>Sample Type:</b> Primary <b>Matrix:</b> Oil/Tincture <b>Mass:</b> 30g <b>Date Collected:</b> 01/31/2022 <b>Date Received:</b> 02/03/2022
<b>Cultivar (Strain) or Sample Description:</b> First Responders Fuel Mayday Mint Tincture 30ml			<b>Date Completed:</b> 02/09/2022

\*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 Arkansas 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 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.

<b>Cannabinoids (Top 3)</b>	<b>(%)</b>	<b>mg/g</b>
CBD	4.92	49.2
CBG	0.731	7.31
CBC	0.0437	0.437
TOTAL CBD	4.95	49.5
TOTAL THC	-	-
TOTAL CANNABINOIDS	5.76	57.6

<b>Contaminants</b>	<b>PASS/FAIL</b>
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**Sample Picture Upon Receipt**



Scan the QR code to verify results.

This information is provided as a service and makes no claims of efficacy and/or safety of this product.

Results are applicable only for the sample(s) analyzed and for the specific analysis conducted.

This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms.

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

[www.FASTLabs.com](http://www.FASTLabs.com)



**CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30685)**

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**Cultivar (Strain) or Sample Description:** First Responders Fuel Mayday Mint Tincture 30ml **Date Completed:** 02/09/2022

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

**Analysis Date/Time:** 2/7/2022 1405  
**Analyst:** PW

**Method:** HPLC/DAD  
**Instrument:** Agilent 1100

**Moisture Content (%):** -  
**Water Activity (aw):** -

<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	0.0437	0.00612	0.437	0.0303	0.420	0.437	13.1
CBCA	-	-	-	0.0303	-	-	-
CBD	4.92	0.442	49.2	1.52	47.2	49.2	1470.0
CBDA	0.0376	0.00376	0.376	0.0303	0.361	0.376	11.3
CBDV	0.0320	0.00512	0.320	0.0303	0.307	0.320	9.59
CBDVA	DET	-	DET	0.0303	-	-	-
CBG	0.731	0.0951	7.31	0.152	7.02	7.31	219.0
CBGA	DET	-	DET	0.0303	-	-	-
CBL	-	-	-	0.0303	-	-	-
CBN	DET	-	DET	0.0303	-	-	-
CBNA	DET	-	DET	0.0303	-	-	-
Δ9-THC	-	-	-	0.0303	-	-	-
Δ8-THC	-	-	-	0.0303	-	-	-
THCA	-	-	-	0.0303	-	-	-
THCV	-	-	-	0.0303	-	-	-
THCVA	-	-	-	0.0303	-	-	-
<b>TOTAL</b>	<b>5.76</b>	<b>0.552</b>	<b>57.6</b>		<b>55.3</b>	<b>57.6</b>	<b>1730.0</b>
<b>TOTAL CBC</b>	<b>0.0437</b>	<b>0.00612</b>	<b>0.437</b>		<b>0.420</b>	<b>0.437</b>	<b>13.1</b>
<b>TOTAL CBD</b>	<b>4.95</b>	<b>0.446</b>	<b>49.5</b>		<b>47.5</b>	<b>49.5</b>	<b>1480.0</b>
<b>TOTAL CBDV</b>	<b>0.0320</b>	<b>0.00512</b>	<b>0.320</b>		<b>0.307</b>	<b>0.320</b>	<b>9.59</b>
<b>TOTAL CBG</b>	<b>0.731</b>	<b>0.0951</b>	<b>7.31</b>		<b>7.02</b>	<b>7.31</b>	<b>219.0</b>
<b>TOTAL CBN</b>	-	-	-		-	-	-
<b>TOTAL THC</b>	-	-	-		-	-	-
<b>TOTAL THC V</b>	-	-	-		-	-	-



**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) + 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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