F.A.S.T. LABORATORIES/RESEARCH

ACCREDITED CERTIFICATE #4473.01

ASA PFC Laboratory

SUMMARY OF ANALYSIS (SAMPLE ID: SA30686)

Testing Location:	**Customer ID:** 37	**Order ID:** OR9685	**Sample Type:** Primary
Arkansas	Can-Tek Labs	**Lot Number:**	**Matrix:** Lotion/Salve
232 S. Broadview St.	8107 S I-35 Service Rd	1213-14	**Mass:** 30g
Greenbrier, AR 72058	Oklahoma City, OK 73149	**Batch Number:**	**Date Collected:** 02/01/2022
License: ADA 05_H273	License: Not Entered or N/A	CTK-013122-02-FRF	**Date Received:** 02/03/2022
Cultivar (Strain) or Sample Description: First Responders Fuel Fire Balm 1oz			**Date Completed:** 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.

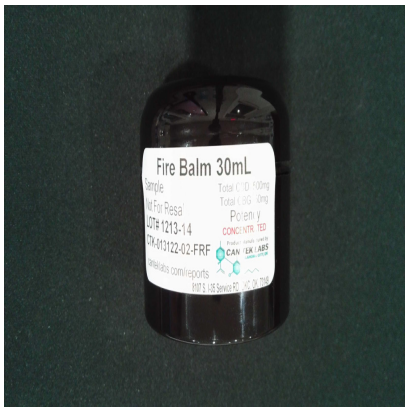
Moisture Content (%)	Water Activity (aw)	PASS/FAIL
Not Tested	Not Tested	N/A

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.

Cannabinoids (Top 3)	(%)	mg/g
CBD	1.57	15.7
CBG	0.215	2.15
CBDA		-
TOTAL CBD	1.57	15.7
TOTAL THC	-	-
TOTAL CANNABINOIDS	1.78	17.8

Contaminants	PASS/FAIL

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.

Kyle W. Felling, Ph.D.
Laboratory Director

www.FASTLaboratories.com

F.A.S.T. LABORATORIES/RESEARCH

A2LA ACCREDITED CERTIFICATE #4473.01

ASA PFC Laboratory

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30686)

Testing Location:	**Customer ID:** 37	**Order ID:** OR9685	**Sample Type:** Primary
Arkansas	Can-Tek Labs	**Lot Number:**	**Matrix:** Lotion/Salve
232 S. Broadview St.	8107 S I-35 Service Rd	1213-14	**Mass:** 30g
Greenbrier, AR 72058	Oklahoma City, OK 73149	**Batch Number:**	**Date Collected:** 02/01/2022
License: ADA 05_H273	License: Not Entered or N/A	CTK-013122-02-FRF	**Date Received:** 02/03/2022

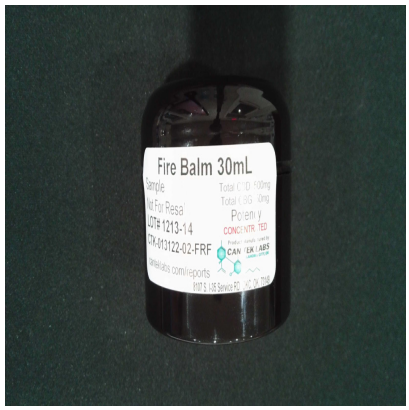
Cultivar (Strain) or Sample Description: First Responders Fuel Fire Balm 1oz — **Date Completed:** 02/09/2022

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

Analysis Date/Time: 2/7/2022 1438 — **Method:** HPLC/DAD — **Moisture Content (%):** -

Analyst: PW — **Instrument:** Agilent 1100 — **Water Activity (aw):** -

Cannabinoid	Result (%)	UM (+/-%)	Result (mg/g)	LOQ (mg/g)	Result (mg/mL)	Per Serving (mg)	Per Unit (mg)
CBC	DET	-	DET	0.246	-	-	-
CBCA	-	-	-	0.246	-	-	-
CBD	1.57	0.141	15.7	0.246	-	15.7	471.0
CBDA	DET	-	DET	0.246	-	-	-
CBDV	DET	-	DET	0.246	-	-	-
CBDVA	-	-	-	0.246	-	-	-
CBG	0.215	0.0280	2.15	0.246	-	2.15	64.6
CBGA	-	-	-	0.246	-	-	-
CBL	-	-	-	0.246	-	-	-
CBN	-	-	-	0.246	-	-	-
CBNA	-	-	-	0.246	-	-	-
Δ9-THC	-	-	-	0.246	-	-	-
Δ8-THC	-	-	-	0.246	-	-	-
THCA	-	-	-	0.246	-	-	-
THCV	-	-	-	0.246	-	-	-
THCVA	-	-	-	0.246	-	-	-
TOTAL	1.78	0.169	17.8		-	17.8	535.0
TOTAL CBC	-	-	-		-	-	-
TOTAL CBD	1.57	0.141	15.7		-	15.7	471.0
TOTAL CBDV	-	-	-		-	-	-
TOTAL CBG	0.215	0.0280	2.15		-	2.15	64.6
TOTAL CBN	-	-	-		-	-	-
TOTAL THC	-	-	-		-	-	-
TOTAL THCV	-	-	-		-	-	-



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 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

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.

Kyle W. Felling, Ph.D.
Laboratory Director

www.FASTLaboratories.com