F.A.S.T. LABORATORIES/RESEARCH

A2LA ACCREDITED CERTIFICATE #4473.01

ASA PFC Laboratory

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA42682)

Testing Location:
Arkansas
232 S. Broadview St.
Greenbrier, AR 72058
License: ADA 05_H273

Customer ID: 2263
Soulful Botanicals
6370 W. Emerald Parkway Suite 100
Monee, IL 60449
License: Not Entered or N/A

Order ID: OR12697
Lot Number:
20251001-50MGFSGUM
Batch Number:
20251001-50MGFSGUM

Sample Type: Primary
Matrix: Industrial Hemp
Mass: 4.63 grams
Date Collected: 10/01/2025
Date Received: 10/03/2025

Cultivar (Strain) or Sample Description: 50mg Full Spectrum Gummy

Date Completed:10/06/2025

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

Analysis Date/Time: 10/06/2025 1746
Analyst: PW

Method: HPLC/DAD
Instrument: Agilent 1100

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

Cannabinoid	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)	Result (mg/mL)	Per Serving (mg)	Per Unit (mg)
CBC	0.032	0.32	0.0438	0.102	-	1.48	1.48
CBCA	ND	ND	0.136	0.317	-	0.000	0.000
CBD	1.13	11.29	0.309	0.721	-	52.25	52.25
CBDA	ND	ND	0.114	0.265	-	0.000	0.000
CBDV	DET	DET	0.0495	0.116	-	0.000	0.000
CBDVA	ND	ND	0.132	0.308	-	0.000	0.000
CBG	0.031	0.31	0.200	0.468	-	1.43	1.43
CBGA	ND	ND	0.284	0.335	-	0.000	0.000
CBL	ND	ND	0.232	0.541	-	0.000	0.000
CBN	0.032	0.32	0.106	0.248	-	1.47	1.47
CBNA	ND	ND	0.115	0.268	-	0.000	0.000
CBT	ND	ND	0.167	0.388	-	0.000	0.000
Δ9-THC	0.040	0.40	0.127	0.297	-	1.87	1.87
Δ8-THC	ND	ND	0.199	0.464	-	0.000	0.000
THCA	ND	ND	0.0691	0.162	-	0.000	0.000
THCV	ND	ND	0.166	0.387	-	0.000	0.000
THCVA	ND	ND	0.0530	0.123	-	0.000	0.000
TOTAL	1.263	12.63			-	58.50	58.50
TOTAL CBC	0.032	0.32			-	1.48	1.48
TOTAL CBD	1.13	11.29			-	52.25	52.25
TOTAL CBDV	0.000	0.000			-	0.000	0.000
TOTAL CBG	0.031	0.31			-	1.43	1.43
TOTAL CBN	0.032	0.32			-	1.47	1.47
TOTAL THC	0.040	0.40			-	1.87	1.87
TOTAL THCV	0.000	0.000			-	0.000	0.000

SERVING MASS (g): 4.63
SERVINGS/UNIT: 1

"-" Not reported for this sample.

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, ND - Not Detected (less than LOD)

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

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC