



License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Top Shelf Hemp Co
13720 SHORELINE CT. E
EARTH CITY, MO 63045

Batch # 001
Batch Date: 2021-06-11
Extracted From: HEMP

Test Reg State: Florida

Order # KIN210611-130061
Order Date: 2021-06-11
Sample # AABM063

Sampling Date: 2021-06-14
Lab Batch Date: 2021-06-14
Completion Date: 2021-06-24

Initial Gross Weight: 8.938 g
Net Weight: 5.678 g

Number of Units: 1
Net Weight per Unit: 5678.000 mg



Product Image



Potency
Tested



Heavy Metals
Passed



Pathogenic
Passed



Delta 8/Delta 10 Potency 12

Specimen Weight: 204.190 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	15.000	0.000026	0.001	215.500	21.550
CBDA	15.000	0.00001	0.001	68.750	6.875
CBD	15.000	0.000054	0.001	9.475	0.948
CBGA	15.000	0.00008	0.001	2.544	0.254
THCA-A	15.000	0.000032	0.001	2.271	0.227
CBC	15.000	0.000018	0.001	0.582	0.058
CBN	15.000	0.000014	0.001	0.159	0.016
Delta-10 THC	1500.000	0.000003	0.001	<LOQ	<LOQ
Delta-9 THC	15.000	0.000013	0.001	<LOQ	<LOQ
THCV	15.000	0.000007	0.001	<LOQ	<LOQ
CBG	15.000	0.000248	0.001	<LOQ	<LOQ
CBDV	15.000	0.000065	0.001	<LOQ	<LOQ

Tested
(LCUV)



Potency Summary

Total Delta 8 21.550%	Total Delta 10 None Detected
Total THC 0.199%	Total CBD 6.977%
Total CBG 0.223%	Total CBN 0.016%
Other Cannabinoids 0.058%	Total Cannabinoids 29.023%

Xueli Gao
Xueli Gao
Ph.D., DABT

Lab Toxicologist

Aixia Sun
Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)

Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



Certificate of Analysis

Compliance Test

Top Shelf Hemp Co
13720 SHORELINE CT. E
EARTH CITY, MO 63045

Batch # 001
Batch Date: 2021-06-11
Extracted From: HEMP

Test Reg State: Florida

Order # KIN210611-130061
Order Date: 2021-06-11
Sample # AABM061

Sampling Date: 2021-06-14
Lab Batch Date: 2021-06-14
Completion Date: 2021-06-24

Initial Gross Weight: 10.556 g
Net Weight: 7.294 g

Number of Units: 1
Net Weight per Unit: 7294.000 mg



Product Image



**Potency
Tested**



**Heavy Metals
Passed**



**Pathogenic
Passed**



Delta 8/Delta 10 Potency 12

Specimen Weight: 200.600 mg

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
Delta-8 THC	15.000	0.000026	0.001	339.300	33.930
CBGA	15.000	0.000008	0.001	49.480	4.948
CBDA	15.000	0.000001	0.001	17.020	1.702
CBG	15.000	0.000248	0.001	2.054	0.205
CBD	15.000	0.000054	0.001	1.921	0.192
THCA-A	15.000	0.000032	0.001	0.990	0.099
CBC	15.000	0.000018	0.001	0.640	0.064
CBN	15.000	0.000014	0.001	0.219	0.022
Delta-9 THC	15.000	0.000013	0.001	<LOQ	
Delta-10 THC	1500.000	0.000003	0.001	<LOQ	
THCV	15.000	0.000007	0.001	<LOQ	
CBDV	15.000	0.000065	0.001	<LOQ	

**Tested
(LCUV)**



Potency Summary

Total Delta 8 33.930%	Total Delta 10 None Detected
Total THC 0.087%	Total CBD 1.685%
Total CBG 4.545%	Total CBN 0.022%
Other Cannabinoids 0.064%	Total Cannabinoids 40.332%

Xueli Gao
Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion (% = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, *Measurement of Uncertainty = +/- 5%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US

Kaycha Labs



N/A
Matrix: Flower

Certificate of Analysis

Mar 03, 2021 | Savage Enterprises

7 Vanderbilt,
Irvine, CA, 92618



Sample: KN10119004-001
Harvest/Lot ID: Sour
Seed to Sale
Batch Date : 01/06/21
Batch#: 002
Sample Size Received: 5 gram
Retail Product Size: 1
Ordered : 01/15/21
sampled : 01/15/21
Completed: 01/23/21 Expires: 01/23/22
Sampling Method: SOP Client Method

TESTED

Page 1 of 1

PRODUCT IMAGE



SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filtration	Water Activity	Moisture	Terpenes
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

CANNABINOID RESULTS



Total THC
0.756%



Total CBD
17.248%



Total Cannabinoids
42.455%

CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
0.018%	18.360	0.524%	0.069%	1.146%	0.014%	ND	0.194%	21.360	0.125%	0.640%	
0.180	183.600	5.240	0.690	11.460	0.140	ND	1.940	213.600	1.250	6.400	
mg/g	mg/g	mg/g	mg/g	mg/g	mg/g	ND	mg/g	mg/g	mg/g	mg/g	mg/g
LOD 0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 113 Weight 0.2108g Extraction date : 01/20/21 01:01:33 Extracted By : 113
Analysis Method - Expanded Measurement of Uncertainty: Flower Matrix
d9-THC: 12.7%, THCa: 9.5%, TOTAL THC 11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution. 01/21/21 15:46:58
Analytical Batch - KN000289POT Instrument Used : HPLC E-SHI-008 Batch Date : 01/20/21 11:05:44

Reagent	Dilution	Consumers ID
120320.R02	40	190706059
011121.R01		24157882
011421.R24		00297320

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). *Based on FL action limits.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation #
17025:2017

Signature

03/03/2021
Signed On

