



# Certificate of Analysis

Sample:KN10119004-004  
Harvest/Lot ID: Kush 002  
Seed to Sale #N/A  
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: 01/21/21 Expires: 01/21/22  
Sampling Method: SOP Client Method

Jan 21, 2021 | Top Shelf Hemp Co

13712 Shoreline Ct  
Earth City, MO, 63304, US



TESTED

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PRODUCT IMAGE SAFETY RESULTS



Pesticides

NOT TESTED



Heavy Metals

NOT TESTED



Microbials

NOT TESTED



Mycotoxins

NOT TESTED



Residuals Solvents

NOT TESTED



Filtration

NOT TESTED



Water Activity

NOT TESTED



Moisture

NOT TESTED



Terpenes

NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC  
**0.458%**



Total CBD  
**10.889%**



Total Cannabinoids  
**38.308%**

CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
ND	11.543	0.398%	0.056%	0.765%	0.019%	ND	0.125%	24.922	0.099%	0.379%
ND	115.430	3.980	0.560	7.650	0.190	ND	1.250	249.220	0.990	3.790
LOD	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 0.2123g	Extraction date : 01/20/21 01:01:57	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% 01/21/21 confidence level using a coverage factor k=2 for a normal distribution. 10:25:41			
Analytical Batch - KH000289PDT	Instrument Used : E-SHI-153 Potency		Batch Date : 01/20/21 11:05:44

Reagent	Dilution	Consums. ID
120320.R02	40	190706059
011121.R01		24157862
011421.R24		00297326

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.)

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.

Sal Pastor, Ph.D.  
Lab Director  
State License # n/a  
ISO Accreditation #  
17025:2017

  
Signature

01/21/2021  
SIGNED ON