



# Certificate of Analysis

Sample: KN10129006-005  
Harvest/Lot ID: 1-153-10-20  
Seed to Sale #N/A  
Batch Date: 12/28/20  
Batch#: 1-153-10-20  
Sample Size Received: 30 ml  
Retail Product Size: 30  
Ordered: 01/26/21  
Sampled: 01/26/21  
Completed: 02/04/21 Expires: 02/04/22  
Sampling Method: SOP Client Method

**PASSED**

Page 1 of 4

Feb 04, 2021 | One Healthy Nation

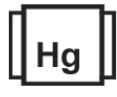
3589 N SHILOH DR STE 3 UNIT 155  
FAYETTEVILLE, AR, 72703, US



PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.

CANNABINOID RESULTS



Total THC  
**0.151%**



Total CBD  
**5.094%**



Total Cannabinoids  
**5.450%**



Filtration

**PASSED**

Analyzed By	Weight	Extraction date	Extracted By
142	0.5300g	NA	NA
Analyte			Result
Filtration and Foreign Material			ND
			LOD 0.3
			Batch Date : 01/29/21 16:13:46
Analysis Method -SOP.T.40.013			
Analytical Batch -KN000341FIL			
Instrument Used : E-AMS-138 Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A 5W-2T13 Stereo Microscope is used for inspection.

TOTAL CANN	TOTAL THC	TOTAL CBD	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
5.450%	0.151%	5.094%	0.024%	ND	ND	0.036%	5.094%	ND	0.011%	0.151%	ND	0.131%	ND
54.500 mg/g	1.510 mg/g	50.940 mg/g	0.240 mg/g	ND	ND	0.360 mg/g	50.940 mg/g	ND	0.110 mg/g	1.510 mg/g	ND	1.310 mg/g	ND
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	0.01
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2127g	NA	NA
Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA: 9.5%, TOTAL THC 1.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.			
Analytical Batch -KN000352POT		Instrument Used : HPLC E-SHI-008	
Reviewed On - 02/03/21 09:14:32		Batch Date : 02/02/21 09:47:30	
Reagent	Dilution	Consums. ID	
120320.R02 020221.R01 020221.R02	40	00298878 190909059 19/07/15	
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

*Sue Ferguson*  
Signature

02/04/2021  
Signed On



# Certificate of Analysis

**PASSED**

One Healthy Nation

3589 N SHILOH DR STE 3 UNIT 155  
FAYETTEVILLE, AR, 72703, US

Telephone: (888) 401-2205

Email: help@onehealthynation.com

Sample : KN10129006-005

Harvest/LOT ID: 1-153-10-20

Batch# : 1-153-10-20

Sample Size Received : 30 ml

Completed : 01/26/21

Expires: 02/04/22

Sample Method : SOP Client Method

Ordered : 01/26/21

Page 2 of 4



## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.05	ppm	0.1	ND	PIPERONYL BUTOXIDE	0.05	ppm	3	ND
ACEPHATE	0.05	ppm	0.1	ND	PRALLETHRIN	0.05	ppm	0.1	ND
ACEQUINOXYL	0.05	ppm	0.1	ND	PROPICONAZOLE	0.05	ppm	0.1	ND
ACETAMIPRID	0.05	ppm	0.1	ND	PROPOXUR	0.05	ppm	0.1	ND
ALDICARB	0.05	ppm	0.1	ND	PYRETHRINS	0.05	ppm	0.5	ND
AZOXYSTROBIN	0.05	ppm	0.1	ND	PYRIDABEN	0.10	ppm	0.2	ND
BIFENAZATE	0.05	ppm	0.1	ND	SPINETORAM	0.05	ppm	0.2	ND
BIFENTHRIN	0.05	ppm	0.1	ND	SPINOSAD (SPINOSYN A)	0.02	ppm	0.1	ND
BOSCALID	0.05	ppm	0.1	ND	SPINOSAD (SPINOSYN D)	0.02	ppm	0.1	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.05	ppm	0.1	ND
CARBOFURAN	0.05	ppm	0.1	ND	SPIROTETRAMAT	0.05	ppm	0.1	ND
CHLORANTRANILIPROLE	0.05	ppm	1	ND	SPIROXAMINE	0.05	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	1	ND	TEBUCONAZOLE	0.05	ppm	0.1	ND
CHLORPYRIFOS	0.05	ppm	0.1	ND	THIACLOPRID	0.05	ppm	0.1	ND
CLOFENTEZINE	0.10	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	0.5	ND
COUMAPHOS	0.05	ppm	0.1	ND	TRIFLOXYSTROBIN	0.05	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	0.5	ND					
DAMINOZIDE	0.05	ppm	0.1	ND					
DIAZANON	0.05	ppm	0.1	ND					
DICHLORVOS	0.05	ppm	0.1	ND					
DIMETHOATE	0.05	ppm	0.1	ND					
DIMETHOMORPH	0.10	ppm	0.2	ND					
ETHOPROPHOS	0.05	ppm	0.1	ND					
ETOFENPROX	0.05	ppm	0.1	ND					
ETOXAZOLE	0.05	ppm	0.1	ND					
FENHEXAMID	0.05	ppm	0.1	ND					
FENOXICARB	0.05	ppm	0.1	ND					
FENPYROXIMATE	0.05	ppm	0.1	ND					
FIPRONIL	0.05	ppm	0.1	ND					
FLONICAMID	0.05	ppm	0.1	ND					
FLUDIOXONIL	0.05	ppm	0.1	ND					
HEXYTHIAZOX	0.05	ppm	0.1	ND					
IMAZALIL	0.05	ppm	0.1	ND					
IMIDACLOPRID	0.05	ppm	0.4	ND					
KRESOXIM-METHYL	0.05	ppm	0.1	ND					
MALATHION	0.05	ppm	0.2	ND					
METALAXYL	0.05	ppm	0.1	ND					
METHIOCARB	0.05	ppm	0.1	ND					
METHOMYL	0.05	ppm	0.1	ND					
MEVINPHOS	0.05	ppm	0.1	ND					
MYCLOBUTANIL	0.05	ppm	0.1	ND					
NALED	0.05	ppm	0.25	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.05	ppm	0.1	ND					
PERMETHRINS	0.05	ppm	0.1	ND					
PHOSMET	0.05	ppm	0.1	ND					

**Pesticides PASSED**

<b>Analyzed by</b> 143	<b>Weight</b> 1.0149g	<b>Extraction date</b> 02/01/21 10:02:12	<b>Extracted By</b> 143
<b>Analysis Method</b> - SOP.T.30.060, SOP.T.40.060 ,		<b>Batch Date</b> : 02/01/21 10:27:03	
<b>Analytical Batch</b> - KN000345PES			
<b>Instrument Used</b> : E-SHI-125 Pesticides			
<b>Running On</b> : 02/01/21 17:35:20			

<b>Reagent</b>	<b>Dilution</b> 10	<b>Consums. ID</b>
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.060 Procedure for Pesticide Quantification Using LCMS). Analytes ISO pending. *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

*Sue Ferguson*  
Signature

02/04/2021  
Signed On



# Certificate of Analysis

**PASSED**

One Healthy Nation

3589 N SHILOH DR STE 3 UNIT 155  
FAYETTEVILLE, AR, 72703, US  
Telephone: (888) 401-2205  
Email: help@onehealthynation.com

Sample : KN10129006-005

Harvest/LOT ID: 1-153-10-20

Batch# : 1-153-10-20

Sampled : 01/26/21

Ordered : 01/26/21

Sample Size Received : 30 ml

Completed : 02/04/21 Expires: 02/04/22

Sample Method : SOP Client Method

Page 3 of 4


Residual Solvents
PASSED


Residual Solvents
PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	500	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	10	ppm	150	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	5	ppm	150	PASS	ND

Analyzed by 138      Weight 0.02683g      Extraction date 02/01/21 02:02:18      Extracted By 138

Analysis Method -SOP.T.40.032  
Analytical Batch -KN000348SOL  
Instrument Used : E-SHI-106 Residual Solvents  
Running On : 02/01/21 16:44:17  
Batch Date : 02/01/21 11:39:36

Reagent	Dilution	Consums. ID
---------	----------	-------------

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. \*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

02/04/2021

Signed On



# Certificate of Analysis

**PASSED**

One Healthy Nation

3589 N SHILOH DR STE 3 UNIT 155  
FAYETTEVILLE, AR, 72703, US  
Telephone: (888) 401-2205  
Email: help@onehealthynation.com

Sample : KN10129006-005

Harvest/LOT ID: 1-153-10-20

Batch# : 1-153-10-20

Sampled : 01/26/21

Ordered : 01/26/21

Sample Size Received : 30 ml

Completed : 02/04/21 Expires: 02/04/22

Sample Method : SOP Client Method

Page 4 of 4



**Microbials**

PASSED



**Mycotoxins**

PASSED

Analyte	LOD	Result
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.
ASPERGILLUS_FLAVUS		not present in 1 gram.
ASPERGILLUS_FUMIGATUS		not present in 1 gram.
ASPERGILLUS_NIGER		not present in 1 gram.
ASPERGILLUS_TERREUS		not present in 1 gram.

Analysis Method -SOP.T.40.043  
Analytical Batch -KN000349MIC Batch Date : 02/01/21  
Instrument Used : Micro E-HEW-069  
Running On : 02/02/21

Analyzed by	Weight	Extraction date	Extracted By
142	0.9971g	NA	NA

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.005	ppm	ND	0.02
AFLATOXIN G1	0.005	ppm	ND	0.02
AFLATOXIN B2	0.005	ppm	ND	0.02
AFLATOXIN B1	0.005	ppm	ND	0.02
OCHRATOXIN A+	0.005	ppm	ND	0.02
TOTAL MYCOTOXINS		ppm	0.000	

Analysis Method -SOP.T.30.060, SOP.T.40.060  
Analytical Batch -KN000346MYC | Reviewed On - 02/02/21 17:26:17  
Instrument Used : E-SHI-125 Mycotoxins  
Running On : 02/01/21 17:31:27  
Batch Date : 02/01/21 10:35:42

Analyzed by	Weight	Extraction date	Extracted By
143	1.0149g	02/01/21 10:02:48	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T.40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending. \*Based on FL action limits.



**Heavy Metals**

PASSED

Reagent	Dilution	Consums. ID
012221.R13	50	7226/0030021
011521.R01		190428060
120820.R35		
123020.R01		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.04	ppm	ND	0.2
CADMIUM-CD	0.04	ppm	ND	0.2
MERCURY-HG	0.04	ppm	ND	0.1
LEAD-PB	0.04	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2519g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -KN000343HEA  
Instrument Used : Metals ICP/MS  
Running On :  
Batch Date : 02/01/21 08:04:28

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. Analytes ISO Pending. \*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

*Sue Ferguson*  
Signature

02/04/2021

Signed On