



# Certificate of Analysis

Sample:KN10713009-005  
Harvest/Lot ID: 1  
Seed to Sale# N/A  
Batch Date: 07/08/21  
Batch#: B07506  
Sample Size Received: 30  
Total Weight/Volume: N/A  
Retail Product Size: 30 ml  
Ordered : 07/08/21  
sampled : 07/08/21  
Completed: 07/20/21 Expires: 07/20/22  
Sampling Method: SOP Client Method

Jul 20, 2021 | BATCH

N63W22595 Main St  
Sussex, WI, 53089, US



**PASSED**  
Page 1 of 3

PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



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  
**0.189%**



Total CBD  
**4.786%**



Total Cannabinoids  
**5.140%**

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.0410	ND	<0.010	0.0990	4.7859	<0.010	0.0110	0.1890	<0.010	0.0120	<0.010
mg/g	0.4100	ND	<0.010	0.9900	47.8600	<0.010	0.1100	1.8900	<0.010	0.1200	<0.010
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 113	Weight 0.2036g	Extraction date : 07/13/21 02:07:17	Extracted By : 946
<p><b>Analysis Method</b> -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.</p>		Reviewed On - 07/14/21 11:51:56	Batch Date : 07/13/21 10:24:11
Analytical Batch -KN001100POT Instrument Used : HPLC E-SHI-008 Running On :			

Reagent	Dilution	Consums. ID
120320.R02	40	94789291.271
070821.R01		200331059
071421.R01		

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

07/20/21  
Signed On



10427 Cogdill Road, Suite 500  
Knoxville, TN, 37932, US  
DEA Number: RK0595249

# Certificate of Analysis

**PASSED**

N63W22595 Main St  
Sussex, WI, 53089, US  
Telephone: (262) 364-6940  
Email: griff@hellobatch.com

Sample : KN10713009-005  
Harvest/LOT ID: 1

Batch# : B07506  
Sampled : 07/08/21  
Ordered : 07/08/21

Sample Size Received : 30  
Total Weight/Volume : N/A  
Completed : 07/20/21 Expires: 07/20/22  
Sample Method : SOP Client Method

Page 2 of 3



## Pesticides

# PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND
ACEPHATE	0.01	ppm	3	ND
ACEQUINOXYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND
BOSCALID	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.01	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
CYPERMETHRIN	0.01	ppm	1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.2	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
DIMETHOMORPH	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND
FENHEXAMID	0.01	ppm	3	ND
FENOXYCARB	0.01	ppm	0.1	ND
FENPYROXIMATE	0.01	ppm	2	ND
FIPRONIL	0.01	ppm	0.1	ND
FLONICAMID	0.01	ppm	2	ND
FLUDIOXONIL	0.01	ppm	3	ND
HEXYTHIAZOX	0.01	ppm	2	ND
IMAZALIL	0.01	ppm	0.1	ND
IMIDACLOPRID	0.01	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.01	ppm	2	ND
METALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	3	ND
NALED	0.01	ppm	0.5	ND
OXAMYL	0.01	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PERMETHRINS	0.01	ppm	1	ND
PHOSMET	0.01	ppm	0.2	ND

Pesticides	LOD	Units	Action Level	Result
PIPERONYL BUTOXIDE	0.01	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	0.067
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRINS	0.01	ppm	1	ND
PYRIDABEN	0.01	ppm	3	ND
SPINETORAM	0.01	ppm	3	ND
SPIROMESIFEN	0.01	ppm	3	ND
SPIROTETRAMAT	0.01	ppm	3	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND



### Pesticides

PASSED

---

<b>Analyzed by</b> 143	<b>Weight</b> 1.0109g	<b>Extraction date</b> 07/13/21 02:07:10	<b>Extracted By</b> 143
<b>Analysis Method</b> - SOP.T.30.060, SOP.T.40.060 ,			
<b>Analytical Batch</b> - KN001104PES			
<b>Instrument Used</b> : E-SH-125 Pesticides			
<b>Running On</b> : 07/13/21 16:52:29			
			<b>Batch Date</b> : 07/13/21 13:41:58

---

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
112420.03 060221.802 051421.814 071921.832 071921.832	10	200618634 94789291.217

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.T40.060 Procedure for Pesticide Quantification Using LCMS). Analyses 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

07/20/21  
Signed On



# Certificate of Analysis

**PASSED**

N63W22595 Main St  
Sussex, WI, 53089, US  
Telephone: (262) 364-6940  
Email: griff@hellobatch.com

Sample : KN10713009-005  
Harvest/LOT ID: 1

Batch# : B07506  
Sampled : 07/08/21  
Ordered : 07/08/21

Sample Size Received : 30  
Total Weight/Volume : N/A  
Completed : 07/20/21 Expires: 07/20/22  
Sample Method : SOP Client Method

Page 3 of 3

	<b>Microbials</b>	<b>NOT TESTED</b>
--	-------------------	-------------------

	<b>Heavy Metals</b>	<b>PASSED</b>
---	---------------------	---------------

<b>Analyte</b>	<b>LOD</b>	<b>Result</b>
TOTAL YEAST AND MOLD	10	< 100 CFU

Analysis Method -SOP.T.40.043  
Analytical Batch - KN001102TYM Batch Date : 07/13/21  
Instrument Used : Micro E-HEW-069  
Running On : 07/13/21

<b>Analyzed by</b>	<b>Weight</b>	<b>Extraction date</b>	<b>Extracted By</b>
142			

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.

<b>Reagent</b>	<b>Consums. ID</b>
----------------	--------------------

060221.R29	7226/0030021
052021.R19	210117060
040521.R04	
050621.R21	

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

<b>Analyzed by</b>	<b>Weight</b>	<b>Extraction date</b>	<b>Extracted By</b>
12	0.2624g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -KN001090HEA | Reviewed On - 07/19/21 17:28:21  
Instrument Used : Metals ICP/MS  
Running On :  
Batch Date : 07/12/21 08:08:14

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

  
Signature

07/20/21  
SIGNED ON