



# Certificate of Analysis

Sample:KN10713009-013

Harvest/Lot ID: 1

Seed to Sale# N/A

Batch Date: 07/08/21

Batch#: B09509

Sample Size Received: 30 ml

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

**PASSED**

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Jul 20, 2021 | BATCH

N63W22595 Main St  
Sussex, WI, 53089, US



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  
**0.135%**



Total CBD  
**4.535%**



Total Cannabinoids  
**4.917%**

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.0180	<0.010	<0.010	0.0790	4.5350	ND	<0.010	0.1350	ND	0.1480	<0.010
mg/g	0.1800	<0.010	<0.010	0.7900	45.3500	ND	<0.010	1.3500	ND	1.4800	<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 0.2009g	Extraction date : 07/14/21 12:07:39	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.		Reviewed On - 07/15/21 17:40:37	Batch Date : 07/14/21 09:02:50
Analytical Batch -KN001105POT Instrument Used : HPLC E-SHI-008 Running On :			

Reagent	Dilution	Consums. ID
	40	

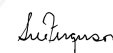
Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.) \*Based on FL action limits.

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Sue Ferguson

Lab Director

State License # n/a  
ISO Accreditation #  
17025:2017



Signature

07/20/21

Signed On



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

# Certificate of Analysis

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

Sample : KN10713009-013  
Harvest/LOT ID: 1

Batch# : B09509  
Sampled : 07/08/21  
Ordered : 07/08/21

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


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## Pesticides

# PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	ND
ACEPHATE	0.01	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEQUINOXYL	0.01	ppm	2	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACETAMIPRID	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRINS	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
BOSCALID	0.01	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND	THIAMETHOXAM	0.01	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CLOFENTEZINE	0.01	ppm	0.5	ND	TRIFLOXYSTROBIN	0.01	ppm	3	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

# PASSED

Analyzed by <b>143</b>	Weight 1.0082g	Extraction date 07/13/21 02:07:39	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 ,			
Analytical Batch - KN001104PES			
Instrument Used : E-SH-125 Pesticides			
Running On : 07/13/21 16:52:29			
			Batch Date : 07/13/21 13:41:58
Reagent	Dilution	Consums. ID	
112420.03	10	200618634	
060221.802		94789291.217	
051421.814			
071921.831			
071921.832			

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. \*

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**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 : KN10713009-013  
Harvest/LOT ID: 1  
Batch# : B09509  
Sampled : 07/08/21  
Ordered : 07/08/21

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

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	<b>Microbials</b>	<b>NOT TESTED</b>
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	<b>Heavy Metals</b>	<b>PASSED</b>
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Analyte	LOD	Result
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

Reagent	Dilution	Consums. ID
060221.R29	50	7226/0030021
052021.R19		210117060
040521.R03		
040521.R04		

Analyzed by	Weight	Extraction date	Extracted By
142			

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

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.

Analyzed by	Weight	Extraction date	Extracted By
12	0.2702g	07/14/21 10:07:36	12

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -KN001103HEA | Reviewed On - 07/14/21 17:34:45  
Instrument Used : Metals ICP/MS  
Running On :  
Batch Date : 07/13/21 13:13:51

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.

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