



Certificate of Analysis

Nov 18, 2021 | BATCH

N63W22595 Main St
Sussex, WI, 53089, US

BATCH
BY WISCONSIN HEMP SCIENTIFIC

Sample:KN11115013-001

Harvest/Lot ID: 1

Batch#: B37504

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 30 ml

Total Weight/Volume: N/A

Retail Product Size: 30 ml

Ordered : 10/27/21

sampled : 10/27/21

Completed: 11/18/21 Expires: 11/18/22

Sampling Method: SOP Client Method

PASSED

Page 1 of 1

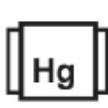
PRODUCT IMAGE



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

CANNABINOID RESULTS



Total THC
0.167%

TOTAL CBG/tincture :2039.04 mg



Total CBD
14.271%

TOTAL CBD/tincture :4110.048 mg



Total Cannabinoids
21.683%

Total Cannabinoids/tincture
:6244.704 mg

	CBGV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXD-THC	DB-THC	DB-THC	DB-THC	CBC	THCA	DB-THCA	DB-THCA
%	0.069	ND	ND	7.08	14.271	ND	0.02	ND	0.167	<0.01	ND	0.076	<0.01	ND	ND
mg/g	0.69	ND	ND	70.8	142.71	ND	0.2	ND	1.67	<0.1	ND	0.76	<0.1	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by 113	Weight 0.2129g	Extraction date : 11/18/21 04:11:39	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.			
Analytical Batch -KN001568POT Instrument Used : HPLC E-SH1-008 Running On :			
Reagent 001021.004 111021.001 111021.002	Dilution 40	Consums. ID 8410001.117 001020	

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

Sue Ferguson
Signature

11/18/21

Signed On



Certificate of Analysis

PASSED

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

Sample : KN10713009-009

Harvest/LOT ID: 1

Batch# : B37504

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	<0.050
ACEQUINOCYL	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 SPIINOSAD	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					
FENOXICARB	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 143	Weight 1.0132g	Extraction date 07/13/21 02:07:21	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	
1104308.00 000001.000 000001.000 000001.000 000001.000	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). Analytes ISO pending. *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





Certificate of Analysis

PASSED

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

Sample : KN10713009-009
Harvest/LOT ID: 1
Batch# : B37504
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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	Microbials	NOT TESTED
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	Heavy Metals	PASSED
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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

Analyzed by	Weight	Extraction date	Extracted By
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.

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

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

Analyzed by	Weight	Extraction date	Extracted By
12	0.2575g	07/14/21 10:07:50	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001103HEA | Reviewed On - 07/14/21 17:33:50
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.