

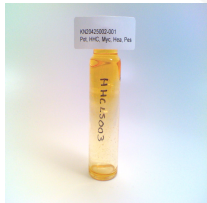
Certificate of Analysis

Sample: KN20425002-001
Harvest/Lot ID: N/A
Batch#: HHCLS003
Seed to Sale# N/A
Batch Date: 04/21/22
Sample Size Received: 10 gram
Total Weight/Volume: N/A
Retail Product Size: 1000 gram
ordered : 04/21/22
sampled : 04/21/22
Completed: 04/26/22
Sampling Method: SOP Client Method

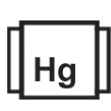
PASSED

Page 1 of 4

PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtch
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

MISC.

Cannabinoid

PASSED



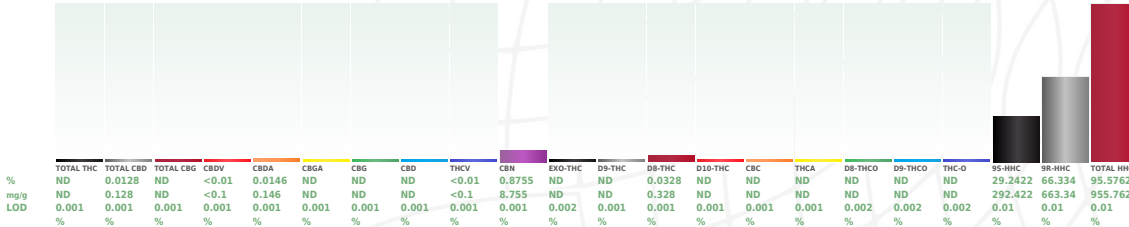
Total CBN
0.876%



Total HHC
95.576%



Total Cannabinoids
96.499%



TOTAL THC	TOTAL CBD	TOTAL CBG	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCA	D9-THCA	THC-O	95-HHC	98-HHC	TOTAL HHC
ND	0.0128	ND	<0.01	0.0146	ND	ND	ND	<0.01	0.8755	ND	ND	0.0328	ND	ND	ND	ND	ND	ND	29.2422	66.334	95.5762
mg/g	0.128	ND	<0.1	0.146	ND	ND	ND	<0.1	8.755	ND	ND	0.328	ND	ND	ND	ND	ND	ND	292.422	663.34	955.762
LOD	0.001	0.001	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	0.002	0.01	0.01	0.01
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by: 113 Weight: 0.2036g Extraction date: 04/26/22 09:04:23 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.
 Consumables : 94789291.271; 12123-046CC-046
 Analytical Batch - KN002311POT Instrument Used : HPLC E-SH-008 Running On :
 Reviewed On - 04/26/22 16:54:47 Batch Date : 04/22/22 16:09:08

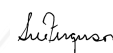
Dilution : 40
 Reagent : 081321.R04; 042122.R01; 042122.R02
 Consumables : 94789291.271; 12123-046CC-046
 Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method 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

04/26/22

Signed On

Certificate of Analysis

PASSED

 Sample : KN20425002-001
 Harvest/Lot ID: N/A

 Batch# : HHCLS003
 Sampled : 04/21/22
 Odered : 04/21/22

 Sample Size Received : 10 gram
 Total Weight/Volume : N/A
 Completed : 04/26/22 Expires: 04/26/23
 Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPRICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZANON	0.01	ppm	0.2	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.01	ppm	3	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PERMETHRINS	0.01	ppm	1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						



Pesticides

PASSED

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN002320PES
Instrument Used : E-SHI-125 Pesticides
Running on :
Analyzed by: 12 **Weight:** 0.501g **Extraction date:** 04/26/22 12:04:46 **Extracted by:** 12
Dilution : 10
Reagent : 121421.04; 051021.01; 041522.R04; 041522.R05; 041322.R01
Consumables : 210419634; 294108110; n/a; 210419634; 947.251
 Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.

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Certificate of Analysis

PASSED

 Sample : KN20425002-001
 Harvest/Lot ID: N/A
 Batch# : HHCLS003
 Sampled : 04/21/22
 Odered : 04/21/22

 Sample Size Received : 10 gram
 Total Weight/Volume : N/A
 Completed : 04/26/22 Expires: 04/26/23
 Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND



Residual Solvents

PASSED

Analyzed by 1	Weight 0.02897g	Extraction date 04/26/22 01:04:31	Extracted By 138
Analysis Method -SOP.T.40.032		Reviewed On - 04/26/22 17:38:16	
Analytical Batch -KN002314SOL			
Instrument Used : E-SHI-106 Residual Solvents			
Running On :			
Batch Date : 04/25/22 10:16:34			

Dilution : 1
Reagent :
Consumables : R2017.099; G201.120

Residual solvents analysis 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). *Based on FL action limits.

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Sue Ferguson

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


 Signature

04/26/22

Signed On

Certificate of Analysis

PASSED

Sample : KN20425002-001
Harvest/Lot ID: N/A
Batch# : HHCLS003
Sampled : 04/21/22
Ordered : 04/21/22

Sample Size Received : 10 gram
Total Weight/Volume : N/A
Completed : 04/26/22 Expires: 04/26/23
Sample Method : SOP Client Method

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 <h2>Microbials</h2> <p style="color: green; font-weight: bold; font-size: 1.2em;">PASSED</p>	 <h2>Mycotoxins</h2> <p style="color: green; font-weight: bold; font-size: 1.2em;">PASSED</p>
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
LISTERIA MONOCYTOGENE	2000	RFU	ND	PASS	2000
ESCHERICHIA COLI SHIGELLA SPP	1726	RFU	ND	PASS	1726
SALMONELLA SPECIFIC GENE	10000	RFU	ND	PASS	10000
ASPERGILLUS FLAVUS	10000	RFU	ND	PASS	10000
ASPERGILLUS FUMIGATUS	10000	RFU	ND	PASS	10000
ASPERGILLUS NIGER	10000	RFU	ND	PASS	10000
ASPERGILLUS TERREUS	10000	RFU	ND	PASS	10000

Analysis Method - SOP.T.40.043
Analytical Batch - KN002312MIC
Instrument Used : Micro E-HEW-069
Running on : 04/26/22 12:50:15

Reviewed On : 04/26/22 15:31:38
Batch Date : 04/22/22 16:16:33

Analyzed by: 1692	Weight: 0.7915g	Extraction date: 04/25/22 04:04:45	Extracted by: 1692
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Dilution : 1
Reagent : 030121.01; 122021.02; 121721.07
Consumables :

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	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN002326MYC | Reviewed On - 04/26/22 17:13:42
Instrument Used :
Running On : | Batch Date : 04/26/22 12:54:39

Analyzed by: 12	Weight: 0.501g	Extraction date: 04/26/22 12:04:46	Extracted By: 12
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Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.

	<h2>Heavy Metals</h2> <p style="color: green; font-weight: bold; font-size: 1.2em;">PASSED</p>
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Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by: 12	Weight: 0.2681g	Extraction date: 04/26/22 05:04:28	Extracted By: 12
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Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN002318HEA | Reviewed On - 04/26/22 17:33:23
Instrument Used : Metals ICP/MS
Running On : | Batch Date : 04/25/22 15:13:10

Dilution : 50
Reagent : 121421.04; 011022.R08; 031620.03; 020422.09; 020422.R07; 030422.R15; 011022.R07
Consumables : 12235-110CD-110C; CFT415500

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.