



Certificate of Analysis

Sample:KN20127006-001
Harvest/Lot ID: 030421

Batch#: 012022

Seed to Sale# N/A

Batch Date: 01/20/22

Sample Size Received: 9 gram

Total Weight/Volume: N/A

Retail Product Size: 1 gram

Ordered : 01/22/22

sampled : 01/22/22

Completed: 01/31/22 Expires: 01/31/23

Sampling Method: SOP Client Method

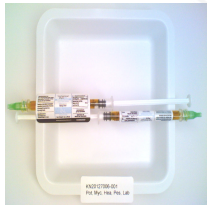
PASSED

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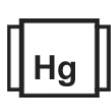
Jan 31, 2022 | Pure Science Lab

Coconut Creek, FL, 33073, 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
0.088%
TOTAL THC/gram :0.88 mg



Total CBD
40.026%
TOTAL CBD/gram :400.26 mg



Total Cannabinoids
48.773%
Total Cannabinoids/gram :487.73 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO
%	0.129	0.496	<0.01	8.263	39.592	0.059	<0.01	ND	0.079	ND	ND	0.144	0.011	ND	ND
mg/g	1.29	4.96	<0.1	82.63	395.92	0.59	<0.1	ND	0.79	ND	ND	1.44	0.11	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
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
1692	0.6251g	NA	NA
Analyte	LOD	Pass/Fail	Result
Filtration and Foreign Material	0.3	Pass	ND
Analysis Method -SOP.T.40.013		Batch Date : 01/26/22 16:39:32	
Analytical Batch -KN001870FIL		Reviewed On - 01/27/22 12:54:36	
Instrument Used : E-AMS-138 Microscope			
Running On :			

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

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2096g	01/27/22 02:01:27	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 -KN001875POT Instrument Used : HPLC E-SHI-008		Running On :	Reviewed On - 01/28/22 15:10:10
			Batch Date : 01/27/22 14:31:07

Reagent	Dilution	Consumables ID
081321.R04	40	94789291.217
012722.R02		0030220
012722.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.

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Sue Ferguson

Lab Director

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

Sue Ferguson
Signature

01/31/22

Signed On



Certificate of Analysis

PASSED

Pure Science Lab

 Sample : KN20127006-001
 Harvest/Lot ID: 030421

 Batch# : 012022
 Sampled : 01/22/22
 Ordered : 01/22/22

 Sample Size Received : 9 gram
 Total Weight/Volume : N/A
 Completed : 01/31/22 Expires: 01/31/23
 Sample Method : SOP Client Method

 Coconut Creek, FL, 33073, US
 Telephone: (954) 415-0942
 Email: Stevep250@gmail.com

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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	PROPICONAZOLE	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	<0.05
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
CLOFENTZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	<0.05
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

Analyzed by 143	Weight 0.5283g	Extraction date 01/27/22 01:01:04	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060,		Reviewed On - 01/27/22 12:54:36	
Analytical Batch - KN001865PES		Batch Date : 01/26/22 08:53:03	
Instrument Used : E-SHI-125 Pesticides			
Running On : 01/26/22 12:08:54			
Reagent	Dilution	Consumables ID	
010722.R03	10	200618634	
051021.01		947.271	
011822.R09			
011922.R16			
011922.R15			
010622.R02			

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

01/31/22

Signed On



Certificate of Analysis

PASSED

Pure Science Lab

 Coconut Creek, FL, 33073, US
 Telephone: (954) 415-0942
 Email: Stevep250@gmail.com

 Sample : KN20127006-001
 Harvest/Lot ID: 030421

 Batch# : 012022
 Sampled : 01/22/22
 Ordered : 01/22/22

 Sample Size Received : 9 gram
 Total Weight/Volume : N/A
 Completed : 01/31/22 Expires: 01/31/23
 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	607.635
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 138	Weight 0.02489g	Extraction date 01/27/22 05:01:12	Extracted By 138
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Analysis Method -SOP.T.40.032

Analytical Batch -KN001874SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On : 01/27/22 16:15:29

Batch Date : 01/27/22 12:45:05

Reviewed On - 01/28/22 17:52:15

Reagent	Dilution 1	Consumables ID R2017.062 G201-062
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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.



Certificate of Analysis

PASSED

Pure Science Lab

Coconut Creek, FL, 33073, US
Telephone: (954) 415-0942
Email: Stevep250@gmail.com

Sample : KN20127006-001
Harvest/Lot ID: 030421

Batch# : 012022
Sampled : 01/22/22
Ordered : 01/22/22

Sample Size Received : 9 gram
Total Weight/Volume : N/A
Completed : 01/31/22 Expires: 01/31/23
Sample Method : SOP Client Method

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	Microbials	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Result	Pass / Fail
LISTERIA MONOCYTOGENE		not present in 1 gram.	PASS
ESCHERICHIA COLI SHIGELLA SPP		not present in 1 gram.	PASS
SALMONELLA SPECIFIC GENE		not present in 1 gram.	PASS
ASPERGILLUS FLAVUS		not present in 1 gram.	PASS
ASPERGILLUS FUMIGATUS		not present in 1 gram.	PASS
ASPERGILLUS NIGER		not present in 1 gram.	PASS
ASPERGILLUS TERREUS		not present in 1 gram.	PASS

Analysis Method -SOP.T.40.043

Analytical Batch -KN001871MIC Batch Date : 01/26/22 16:46:20

Instrument Used : Micro E-HEW-069

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1692	1.0149g	NA	NA

Reagent	Dilution
030121.01	1
122921.01	
121521.04	
030421.09	

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	

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -KN001866MYC | Reviewed On - 01/27/22 15:15:03

Instrument Used : E-SHI-125 Mycotoxins

Running On : 01/26/22 12:09:50 | Batch Date : 01/26/22 08:54:00

Analyzed by	Weight	Extraction date	Extracted By
143	0.5283g	01/27/22 01:01:32	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 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
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Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	<LOQ	PASS	1.5
CADMIUM-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	Weight	Extraction date	Extracted By
12	7g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -KN001873HEA | Reviewed On - 01/31/22 18:19:08

Instrument Used : Metals ICP/MS

Running On : | Batch Date : 01/27/22 12:13:54

Reagent	Reagent	Dilution	Consums. ID
121421.03	011022.R07	1	7226/0030021
120821.R22			210221060
011022.R08			
080421.R13			


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.

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