



Certificate of Analysis

Sample:KN11221004-001

Harvest/Lot ID: K75021

Batch#: K75021

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 750 mg

Total Weight/Volume: N/A

Retail Product Size: 0.3 gram

Ordered : 12/14/21

sampled : 12/14/21

Completed: 12/27/21 Expires: 12/27/22

Sampling Method: SOP Client Method

PASSED

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Dec 27, 2021 | PharmaCanna

2615 state Road 7
Wellington, FL, 33414, US



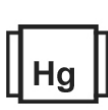
PRODUCT IMAGE



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

CANNABINOID RESULTS



Total THC
ND

TOTAL THC/Softgel :0 mg



Total CBD
8.696%

TOTAL CBD/Softgel :26.09 mg



Total Cannabinoids
8.712%

Total Cannabinoids/Softgel :26.14 mg

	CBDV	CBD	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO
%	0.016	ND	ND	ND	<0.01	8.696	ND	<0.01	ND	<0.01	ND	ND	<0.01	ND	ND	ND
mg/g	0.16	ND	ND	ND	<0.1	86.96	ND	<0.1	ND	<0.1	ND	ND	<0.1	ND	ND	ND
LOD	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
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

	Filtration	
	PASSED	

Analyzed By	Weight	Extraction date	Extracted By
1692	0.4764g	12/21/21	1692
Analyte	LOD	Result	
Filtration and Foreign Material	0.3	ND	
Analysis Method -SOP.T.40.013 Batch Date : 12/21/21 10:21:45			
Analytical Batch -KN001722FIL Reviewed On - 12/21/21 10:41:27			
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-213 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2293g	12/21/21 08:12:01	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 -KN001719POT Instrument Used : HPLC E-SHI-008 Running On :			
Reviewed On - 12/22/21 13:15:29 Batch Date : 12/21/21 09:07:56			

Reagent	Dilution	Consums. ID
081321.R04	40	94789291.217
122121.R01		0030220
122121.R02		

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

12/27/21

Signed On



Certificate of Analysis

PASSED
PharmaCanna

 2615 state Road 7
 Wellington, FL, 33414, US
Telephone: 9543050078
Email: johnny@pharmacanna.us

Sample : KN11221004-001
Harvest/Lot ID: K75021
Batch# : K75021
Sampled : 12/14/21
Ordered : 12/14/21
Sample Size Received : 750 mg
Total Weight/Volume : N/A
Completed : 12/27/21 Expires: 12/27/22
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
ACEQUINOCL	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
CLOFENTZINE	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 143	Weight 0.4875g	Extraction date 12/22/21 09:12:32	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001728PES		Reviewed On - 12/21/21 10:41:27	
Instrument Used : E-SHI-125 Pesticides Running On : 12/22/21 17:20:16		Batch Date : 12/22/21 09:42:07	
Reagent	Dilution	Consums. ID	
110821.R03	10	200618634	
050521.R03		228984	
111521.R03		947.271	
122121.R03			
122121.R06			
122221.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. *			



Certificate of Analysis

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 Wellington, FL, 33414, US
Telephone: 9543050078
Email: johnny@pharmacanna.us

Sample : KN11221004-001
Harvest/Lot ID: K75021
Batch# : K75021
Sampled : 12/14/21
Ordered : 12/14/21
Sample Size Received : 750 mg
Total Weight/Volume : N/A
Completed : 12/27/21 Expires: 12/27/22
Sample Method : SOP Client Method

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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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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	15	ppm	2170	PASS	ND
- DIMETHYLBENZENE					

Analyzed by 138
Weight 0.02725g
Extraction date 12/22/21 10:12:06
Extracted By 138
Analysis Method -SOP.T.40.032
Analytical Batch -KN001723SOL **Reviewed On - 12/23/21 15:48:46**
Instrument Used : E-SHI-106 Residual Solvents
Running On : 12/21/21 16:59:12
Batch Date : 12/21/21 11:11:01

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

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.



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PASSED
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Email: johnny@pharmacanna.us

Sample : KN11221004-001
Harvest/Lot ID: K75021
Batch# : K75021
Sampled : 12/14/21
Ordered : 12/14/21
Sample Size Received : 750 mg
Total Weight/Volume : N/A
Completed : 12/27/21 Expires: 12/27/22
Sample Method : SOP Client Method

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Microbials

PASSED
Analyte

 LISTERIA_MONOCYTOGENE
 ESCHERICHIA_COLI_SHIGELLA_SPP
 SALMONELLA_SPECIFIC_GENE
 ASPERGILLUS_FLAVUS
 ASPERGILLUS_FUMIGATUS
 ASPERGILLUS_NIGER
 ASPERGILLUS_TERREUS

LOD
Result

 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -KN001725MIC Batch Date : 12/21/21 12:08:44
Instrument Used : Micro E-HEW-069
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1692	0.9758g	12/21/21 12:12:13	1692

Reagent

 111521.01
 030121.01
 110821.05
 030421.07

Dilution

1

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.



Mycotoxins

PASSED
Analyte

 AFLATOXIN G2
 AFLATOXIN G1
 AFLATOXIN B2
 AFLATOXIN B1
 OCHRATOXIN A+
 TOTAL MYCOTOXINS

LOD
Units
Result
Action Level

0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02
0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN001729MYC | Reviewed On - 12/23/21 11:02:03
Instrument Used : E-SHI-125 Mycotoxins
Running On : 12/22/21 17:23:14
Batch Date : 12/22/21 09:47:55

Analyzed by	Weight	Extraction date	Extracted By
143	0.4875g	12/22/21 09:12:32	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
Reagent

 120821.R22
 080421.R13
 040521.R04

Dilution

50

Consums. ID

 947B9291.217
 210221060

Metal
LOD
Unit
Result
Action Level

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
138	0.2712g	12/23/21 08:12:35	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001736HEA | Reviewed On - 12/27/21 12:45:52
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 12/22/21 20:58:05

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. *Based on FL action limits.