

Certificate of Analysis

May 27, 2021 | Green Roads

601 Fairway Dr, Deerfield Beach, Florida, 33401



Kaycha Labs

Relax N/A Matrix: Derivative



Sample:KN10520006-001 Harvest/Lot ID: U133B-1

Seed to Sale #N/A

Batch Date :N/A Batch#: U133B-1

Sample Size Received: 159
Total Weight/Volume: N/A

Retail Product Size: 159 gram

Ordered: 05/19/21 **sampled**: 05/19/21

Completed: 05/24/21 Expires: 05/24/22 Sampling Method: SOP Client Method

PASSED

Page 1 of 4

PRODUCT IMAGE







Pesticides

PASSED



Heavy Metals

PASSED



Microbials

PASSED



PASSED



Solvents

PASSED



PASSED





NOT



Terpenes NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC **0.000**%



Total CBD **0.098%**



Total Cannabinoids 0.098%



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



Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :		Extracted By :
113	1.0007g	05/20/21 04:05:40		946
Analysis Method -Expan	nded Measurement of Uncer	tainty: Flower Matrix d9-		
THC:12.7%, THCa: 9.5%	, TOTAL THC 11. 1%. These	uncertainties represent an	Reviewed On -	

expanded uncertainty expressed at approximately the 95% confidence level using a 05/21/21 coverage factor k=2 for a normal distribution.

Analytical Batch - KN000896POT Instrument Used: HPLC E-SHI-008 Batch Date: 05/20/21 09:01:27

 Reagent
 Dilution
 Consums. ID

 120320.R02
 40
 94789291.217

 051821.R01
 200331059

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



05/24/21

Signature



Kaycha Labs

Matrix: Derivative



Certificate of Analysis

601 Fairway Dr,

Deerfield Beach, Florida, 33401

Telephone: 9546095537

Email: laura@greenroadsworld.com

Sample: KN10520006-001 Harvest/LOT ID: U133B-1

Batch# : U133B-1 Sampled: 05/19/21

Ordered: 05/19/21

Sample Size Received: 159 Total Weight/Volume: N/A

Pesticides

Completed: 05/24/21 Expires: 05/24/22 Sample Method: SOP Client Method

PASSED

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Res
ABAMECTIN B1A	0.01	ppm	0.3	ND
ACEPHATE	0.01	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND
BOSCALID	0.01	ppm	3	ND
CARBARYL	0.01	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.01	ppm	0.5	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
	0.01	ppiii	0.2	140

Pesticides	LOD	Units	Action Level	Result
PIPERONYL BUTOXIDE	0.01	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRINS	0.01	ppm	1	ND
PYRIDABEN	0.01	ppm	3	ND
SPINETORAM	0.01	ppm	3	ND
SPIROMESIFEN	0.01	ppm	3	ND
SPIROTETRAMAT	0.01	ppm	3	ND
SPIROXAMINE	0.01	ppm	0.1	ND
TEBUCONAZOLE	0.01	ppm	1	ND
THIACLOPRID	0.01	ppm	0.1	ND
THIAMETHOXAM	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND

Analyzed by 143	Weight 1.0162g	Extraction date 05/20/21 01:05:33	Extracted By
Analysis Method - SOP.T. Analytical Batch - KN000		1 /	Reviewed On- 05/21/21 14:36:18
Instrument Used : E-SHI- Running On : 05/19/21 16			Batch Date: 05/19/21 11:19:04
Reagent		Dilution	Consums. ID
112420.02 042021.R01		10	200618634 94789291.217
052021.R01 052021.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

05/24/21

Signature



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Relax

Matrix : Derivative



Certificate of Analysis

PASSED

Green Roads

601 Fairway Dr,

Deerfield Beach, Florida, 33401 **Telephone:** 9546095537

Email: laura@greenroadsworld.com

Sample: KN10520006-001 Harvest/LOT ID: U133B-1

Batch#: U133B-1 Sampled: 05/19/21

Ordered: 05/19/21

Sample Size Received: 159
Total Weight/Volume: N/A

Completed: 05/24/21 Expires: 05/24/22 Sample Method: SOP Client Method

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Residual Solvents

PASSED



Residual Solvents



Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Resu
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 & DIMETHYLBENZENE	& O - 15	ppm		PASS	ND

		<i>t</i>	
nalyzed by	Weight	Extraction date	Fytracted F

Analyzed by Weight Extraction date Extracted By 0.02795g 05/20/21 02:05:02 138

Analysis Method -SOP.T.40.032

Analytical Batch -KN000897SOL Reviewed On - 05/24/21 15:16:56

Instrument Used: E-SHI-106 Residual Solvents

Running On: 05/20/21 16:01:21 Batch Date: 05/20/21 09:39:47

Reagent Dilution Consums. ID

1065518282V1393

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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05/24/21

Signature



Kaycha Labs

Relax

Matrix : Derivative



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PASSED

Green Roads

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Deerfield Beach, Florida, 33401

Telephone: 9546095537

Email: laura@greenroadsworld.com

Sample: KN10520006-001 Harvest/LOT ID: U133B-1

Batch#: U133B-1

Sampled: 05/19/21 Ordered: 05/19/21 Sample Size Received: 159
Total Weight/Volume: N/A

Completed: 05/24/21 Expires: 05/24/22 Sample Method: SOP Client Method

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Analyte

Microbials

PASSED

LOD	Result
	not present in 1 gram.

Analysis Method -SOP.T.40.043

ESCHÉRICHIA_COLI_SHIGELLA_SPP SALMONELLA_SPECIFIC_GENE ASPERGILLUS_FLAVUS ASPERGILLUS_FUMIGATUS ASPERGILLUS_NIGER ASPERGILLUS_TEREUS

Analytical Batch - KN000902MIC Batch Date: 05/21/21

Instrument Used: Micro E-HEW-069

Running On: 05/21/21

Analyzed by	Weight	Extraction date	Extracted By
142	1.0320g	NA	NA

Reagent

042321.01 041621.04

112020.04

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.

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#### **Mycotoxins**

# PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02
TOTAL MYCOTOXINS		ppm	0.000	

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

Analytical Batch -KN000893MYC | Reviewed On - 05/21/21 15:03:43

Instrument Used: E-SHI-125 Mycotoxins Running On: 05/19/21 16:37:40

Batch Date : 05/19/21 11:20:31

nalyzed by	Weight	Extraction date	Extracted By
13	1.0162g	05/20/21 02:05:30	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 (Aflotoxin B1, B2, G1, G2) must be  $<20\mu g/Kg$ . Ochratoxins must be  $<20\mu g/Kg$ . Analytes ISO pending. *Based on FL action limits.



#### **Heavy Metals**

# **PASSED**

Reagent	Dilution	Consums. ID
040521.R20	50	7226/0030021
040521.R04		210117060
050621 R21		

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	0.348	0.5
Analyzed by	Weight	Extraction date		Extracted By
12	0.2967g	05/20/21 05:05:49		12

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

Analytical Batch -KN000899HEA | Reviewed On - 05/24/21 16:39:37

Instrument Used : Metals ICP/MS

Running On:

Batch Date: 05/20/21 09:58:31

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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#### **Sue Ferguson**

Lab Director

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05/24/21

Signature