

# Ce of

**Kaycha Labs** 

GRW 1500 MG BS ORIGINAL N/A Matrix: Derivative



Sample: DA00221021-001

Certific of Anal	THE		Sample:DA00221021-001 Harvest/Lot ID: B07W02 Seed to Sale #N/A Batch Date :N/A Batch#: BMR0051 Sample Size Received: 35.1 Retail Product Size: 35.1 Ordered : 02/21/20 Sampled : 02/21/20 mpleted: 03/30/20 Expires: 03/30/21 mpling Method: SOP Client Method
Mar 30, 2020   C	Clarity Labs		PASSED
FL, 33122			Page 1 of 5
PRODUCT IMAGE SAFETY RESULTS			MISC.
Pesticides	Heavy Metals PASSED PASSED	Mycotoxins PASSED Solvents PASSED PASSED Solvents PASSED PASSED	
CANNABINOID RESULTS	PASSED PASSED	PASSED Solvents PASSED PASSED PASSED	PASSED
Total TH	E I	Total CBD 4.771%	Total Cannabinoids 4.885% PASSED
		Analyzed By Weight Extra 584 1g 02/21 Analysis Method -SOP.T.40.013 Analytical Batch - DA010424FIL Instrument Used : Filth/Foreign	Action date LOD(ppm) Extracted By /20 584 Batch Date : 02/21/20 12:43:33 Reviewed On - 02/21/20 13:17:41 Material Microscope cts, feces, packaging contaminants, and manufacturing waste
CBC CBGA CBG THO		CBDA CBD D9-THC THCA	tivity PASSED
ND         ND         0.084%         ND           ND         ND         0.840         MD           ND         ND         mg/g         ND           LOD         0.001         0.001         0.001         0.001           %         %         %         %           Cannabinoid Profile Test         ************************************	0.300 ND mg/g ND	ND         A7.710         ND         Analyte         Analyzed by           0.001         0.0001         0.0001         0.001         water activity         584           %         %         %         Analysis Method -Water Activity         SOP.T.40.010	Batch Date : 02/21/20 12:39:35 T Reviewed On - 02/21/20 13:06:00
Analyzed by Weight 1224 3.0434g	Extraction date : 02/21/20 01:02:20	Extracted By :	
Analysis Method -SOP.T.40.020, SOP.T.30.05 Analytical Batch -DA010420POT Instrumen		965 d on - 02/24/20 12:08:44 hate : 02/21/20 12:34:43 Moistu	re PASSED
Reagent     Dilution       022120.R12     400       Full spectrum cannabinoid analysis utilizing High I sample prep and Shimadzu High Sensitivity Method		MOISTURE CONTENT 584 Analysis Method -Moisture Analysis SOP.T.40.011 Analytical Batch -DA010423MC	Weight         Ext. date         LOD(ppm)         Result           0.5739         02/21/20         1         1.400 %           Batch         Date : 02/21/20         12:39:47         1           Reviewed         On - 02/21/20         13:08:31         1           alyzer         Vertex         Vertex         1

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Jorge Segredo Lab Director State License # n/a

ISO Accreditation # 97164

Signature

03/30/2020



GRW 1500 MG BS ORIGINAL

N/A Matrix : Derivative



## PASSED

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**Clarity Labs** 

3345 NW 74th Avenue Miami FL, 33122 **Telephone:** (786) 420-2409 **Email:** Maa@clarity-labs.com Sample : DA00221021-001 Harvest/LOT ID: B07W02 Batch# : BMR0051 San Sampled : 02/21/20 Con Ordered : 02/21/20 San

(%)

**Certificate of Analysis** 

Sample Size Received : 35.1 Completed : 03/30/20 Expires: 03/30/21 Sample Method : SOP Client Method



# Terpenes

Terpenes	LOD	Units		Result
ALPHA-CEDRENE	0.007	%	ND	
ALPHA-HUMULENE	0.007	%	ND	
ALPHA-PINENE	0.007	%	ND	
ALPHA-TERPINENE	0.007	%	ND	
BETA-MYRCENE	0.007	%	ND	
BETA-PINENE	0.007	%	ND	
BORNEOL	0.013	%	ND	
CAMPHENE	0.007	%	ND	
CAMPHOR	0.013	%	ND	
CARYOPHYLLENE OXIDE	0.007	%	ND	
CEDROL	0.007	%	ND	
ALPHA-BISABOLOL	0.007	%	ND	
SABINENE	0.007	%	ND	
SABINENE HYDRATE	0.007	%	ND	
TERPINEOL	0.007	%	ND	
TERPINOLENE	0.007	%	ND	
BETA-CARYOPHYLLENE	0.007	%	ND	
TRANS-NEROLIDOL	0.007	%	ND	
VALENCENE	0.007	%	ND	
PULEGONE	0.007	%	ND	
ALPHA-PHELLANDRENE	0.007	%	ND	
OCIMENE	0.007	%	ND	
NEROL	0.007	%	ND	
LINALOOL	0.007	%	ND	
LIMONENE	0.007	%	ND	
GUAIOL	0.007	%	ND	
GERANYL ACETATE	0.007	%	ND	
GERANIOL	0.007	%	ND	
GAMMA-TERPINENE	0.007	%	ND	
FENCHONE	0.007	%	ND	
FARNESENE	0.007	%	ND	

0

Total

	LOD	Units		Result (%)
EUCALYPTOL	0.007	%	ND	
ISOBORNEOL	0.007	%	ND	
HEXAHYDROTHYMOL	0.007	%	ND	
FENCHYL ALCOHOL	0.007	%	ND	
3-CARENE	0.007	%	ND	
CIS-NEROLIDOL	0.007	%	ND	
ISOPULEGOL	0.007	%	ND	
Terr	oenes	Ŕ	XX	TESTED
	0058g 0 OP.T.40.09 A010419TE iquid Injeg	ER R ction GCI	o2:08 eviewed On	
1351 1.0 Analysis Method - So Analytical Batch - D/ Instrument Used : L	OP.T.40.09 OP.T.40.09 A010419TE iquid Injec 20 12:25:0	02/21/20 12: 00 ER R ction GCI	o2:08 eviewed On	1351 - 02/25/20 09:01:07 (E-SHI-128)
1351     1.0       Analysis Method     SQ       Analytical Batch     DJ       Instrument Used : L     Batch Date : 02/21/2	OP.T.40.09 OP.T.40.09 A010419TE iquid Injec 20 12:25:0	02/21/20 12: 00 ER R ction GCI 03	02:08 eviewed On MS QP2020 (	1351 - 02/25/20 09:01:0 (E-SHI-128)

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Jorge Segredo Lab Director

State License # n/a ISO Accreditation # 97164



03/30/2020



**Kaycha Labs** GRW 1500 MG BS ORIGINAL

> N/A Matrix : Derivative



### PASSED

**Clarity Labs** 

3345 NW 74th Avenue Miami FL, 33122 Telephone: (786) 420-2409 Email: Maa@clarity-labs.com

Sample : DA00221021-001 Harvest/LOT ID: B07W02 Batch#: BMR0051 Sampled : 02/21/20 Ordered : 02/21/20

**Certificate of Analysis** 

Sample Size Received : 35.1 Completed : 03/30/20 Expires: 03/30/21 Sample Method : SOP Client Method

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PASSED



# Pesticides

Pesticides	LOD	Units	Action Level	Result
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
CAPTAN	0.07	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND
CHLORFENAPYR	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
CYFLUTHRIN	0.05	ppm	1	ND
CYPERMETHRIN	0.05	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	0.02	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	0.04	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.02	ppm	2	ND
METALAXYL	0.01	ppm	3	ND
METHIOCARB	0.01	ppm	0.1	ND

Pesticides	LOD	Units	Action Level	Result
METHOMYL	0.01	ppm	0.1	ND
METHYL PARATHION	0.005	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND
MYCLOBUTANIL	0.01	ppm	3	ND
NALED	0.025	ppm	0.5	ND
OXAMYL	0.05	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PHOSMET	0.01	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.1	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPINETORAM	0.02	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	0.05	ppm	1	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0	ppm	20	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
	ticides	ppm		ND

0	resticiut	resticides			
Analyzed by	Weight	Extraction date	Extracted By		
585	1.0954g	02/21/20 01:02:11	1082		

Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T40.060, SOP.T.40.070 and SOP.T.40.090 , SOP.T.30.065, SOP.T.40.065, SOP.T40.060 and SOP.T.40.090

Reviewed On- 02/21/20 13:17:41 Analytical Batch - DA010408PES

Instrument Used : DA-LCMS-001\_DER Batch Date : 02/21/20 09:05:49 Rea

01312

agent	Dilution	Consums. ID
20.30	10	180111
20.R11		280653964
20.012		

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). Volatile Pesticides may be tested with GCMSMS under SOP.T.40.070 and SOP.T.40.090. \* Pesticide screen is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 2 Volatile Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.090 Volatile Pesticides Analysis by GC-MS/MS

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Jorge Segredo Lab Director State License # n/a ISO Accreditation # 97164

03/30/2020

Signature



Kaycha Labs

GRW 1500 MG BS ORIGINAL N/A Matrix : Derivative



PASSED

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PASSED

# **Certificate of Analysis**

**Clarity Labs** 

3345 NW 74th Avenue Miami FL, 33122 **Telephone:** (786) 420-2409 **Email:** Maa@clarity-labs.com 
 Sample : DA00221021-001

 Harvest/LOT ID: B07W02

 Batch# : BMR0051
 Sampled : 02/21/20

 Cordered : 02/21/20
 Sampled : 02/21/20

PASSED

Sample Size Received : 35.1 Completed : 03/30/20 Expires: 03/30/21 Sample Method : SOP Client Method

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#### **Residual Solvents**

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND
2-PROPANOL	45	ppm	500	PASS	ND
ACETONE	67.5	ppm	750	PASS	ND
ACETONITRILE	5.4	ppm	60	PASS	ND
BENZENE	0.09	ppm	1	PASS	ND
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND
CHLOROFORM	0.18	ppm	2	PASS	ND
DICHLOROMETHANE	3.75	ppm	125	PASS	ND
ETHANOL	90	ppm	1000000	PASS	1107.833
ETHYL ACETATE	36	ppm	400	PASS	ND
ETHYL ETHER	45	ppm	500	PASS	ND
ETHYLENE OXIDE	0.6	ppm	5	PASS	ND
HEPTANE	45	ppm	5000	PASS	ND
METHANOL	22.5	ppm	250	PASS	ND
N-HEXANE	4.5	ppm	250	PASS	ND
PENTANES (N-PENTAN	IE) 67.5	ppm	750	PASS	ND
PROPANE	120	ppm	5000	PASS	ND
TOLUENE	13.5	ppm	150	PASS	ND
TOTAL XYLENES	13.5	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND

Analyzed by 850	<b>Weight</b> 0.0215g	Extraction date 03/09/20 02:03:47	Extracted By 850
	hod -SOP.T.40. tch -DA010822		- 03/10/20 13:16:44
Instrument U	sed : Headspa 03/09/20 14:22	ce GCMS	- 03/10/20 13:10:4-
Instrument U	sed : Headspa	ce GCMS	
Instrument U Batch Date :	sed : Headspa 03/09/20 14:22	ce GCMS 2:52	
Instrument U Batch Date :	sed : Headspa 03/09/20 14:22	ce GCMS 2:52 Consums. ID	

**Residual Solvents** 

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents. (Method: SOP.T.30.032 Residual Solvents Analysis via GC-MS).

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Jorge Segredo Lab Director

State License # n/a ISO Accreditation # 97164 AAA

03/30/2020

Signature



FL, 33122

Telephone: (786) 420-2409

Email: Maa@clarity-labs.com

**Kaycha Labs** 

GRW 1500 MG BS ORIGINAI N/A

detected in 1g of a sample, the sample fails the microbiological-impurity testing.

**Heavy Metals** 

Reagent

Matrix : Derivative



#### PASSED

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PASSED

Dilution

**Certificate of Analysis** Sample : DA00221021-001 **Clarity Labs** Harvest/LOT ID: B07W02 3345 NW 74th Avenue Miami

Batch# : BMR0051 Sampled : 02/21/20 Ordered : 02/21/20

Sample Size Received : 35.1 Completed : 03/30/20 Expires: 03/30/21 Sample Method : SOP Client Method

0					Reagent	Consums. ID
200	Mycot	oxins		PASSED	013120.32	918C4-918J
ရို္က္ကစ				IASSED	122719.124	914C4-914AK
020					020420.369	929C6-929H
		/			013120.68	50AX30819
A contration	1.00		B		013120.406	19323
Analyte	LOD	Units	Result	Action Level (PPM)	122719.48	23819111
AFLATOXIN G2	0.002	ppm	ND	0.02	013120.73	190611634
AFLATOXIN G1	0.002	ppm	ND	0.02	122719.92	
AFLATOXIN B2	0.002	ppm	ND	0.02	122719.17	
AFLATOXIN B1	0.002	ppm	ND	0.02		gal and Bacterial Identification via Polymerase Chain Reaction (PCR)
OCHRATOXIN A+	0.002	ppm	ND	0.02	crude lysate which avoids puri	DNA amplified via tandem Polymerase Chain Reaction (PCR) as a ification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli,
Analysis Method -S	OP.T.30.065, SC	P.T.40.065				atus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is

Analysis Method -SOP.T.30.065, SOP.T.40.065 Analytical Batch -DA010409 | Reviewed On - 02/24/20 13:13:28

Instrument Used : DA-LCMS-001\_DER Batch Date : 02/21/20 09:06:53

Analyzed by	Weight	Extraction date	Extracted By	
585	1g	02/21/20 03:02:27	585	- 4

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.140.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 **Reagent** ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Ċ5	Micro	obials	PASSED	022020.R13 022020.R14 021720.R01 021720.R03 021720.R06 021920.R01			021720.R04 021420.R01	50
Analyte		4	Result	Metal	LOD	Unit	Result	Action Level (PPM)
ASPERGILLUS_FLAV	JS		not present in 1 gram.	ARSENIC	0.02	ppm	ND	1.5
ASPERGILLUS_FUMI	GATUS		not present in 1 gram.	CADMIUM	0.02	ppm	ND	0.5
SPERGILLUS_NIGE			not present in 1 gram.		0.02	ppm	ND	0.5
SPERGILLUS_TERR			not present in 1 gram. not present in 1 gram.		0.02	ppm	ND	3
ALMONELLA_SPECI	-		not present in 1 gram.	Analyzed by	Weight	Extrac	tion date	Extracted By
TOTAL_YEAST_AND_	MOLD		not present in 1 gram.	53	0.2587g	NA		NA
	DA010413MIC PathogenDX F	Reviewed On - 02/24/20 1 CR_Array Scanner,Pathog		Analysis Method - Analytical Batch - Instrument Used : Batch Date : 02/2:	DA010425HEA   F ICPMS-2030			:46:08
Analyzed by 513	<b>Weight</b> 1.0316g	<b>Extraction date</b> 02/21/20 12:02:50	Extracted By 1082		h can screen down d SOP.T.30.052 Sar	to below sing nple Prepara	gle digit ppb con	pled Plasma – Mass centrations for regulated heavy letals Analysis via ICP-MS and

Hg



Jorge Segredo Lab Director

SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

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03/30/2020