kaycha LABS
4131 SW 47th AVENUE SUITE 1408

Kaycha Labs
Relax Bears
N/A
Matrix: Edible

Certificate of Analysis

Sample:DA00309005-001
Harvest/Lot ID: 2002001
Seed to Sale #n/a
Batch Date :N/A
Batch#: 2002001
Sample Size Received: 15
Retail Product Size: 90
Ordered : 03/06/20
Sampled : 03/06/20
Completed: 03/12/20 Expires: 03/12/21
Sampling Method: SOP Client Method

Mar 12, 2020 | Green Roads

5150 SW 48TH WAY DAVIE
FL, USA 33314

GREEN ROADS

PASSED

PRODUCT IMAGE **SAFETY RESULTS** **MISC.**

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Terpenes
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED

CANNABINOID RESULTS

Total THC
0.000%
THC/Gummy :0.00 mg

Total CBD
0.368%
CBD/Gummy :11.814 mg

Total Cannabinoids
0.368%
Total Cannabinoids/Gummy :11.814 mg

	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
	ND	ND	ND	ND	ND	ND	ND	ND	0.368 %	ND	ND
	ND	ND	ND	ND	ND	ND	ND	ND	3.680 mg/g	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.0001 %	0.001 %

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
1224	3.0021g	03/09/20 12:03:58	574

Analysis Method -SOP.T.40.020, SOP.T.30.050
Analytical Batch -DA010807POT **Instrument Used :** DA-LC-003
Reviewed On - 03/10/20 16:46:33
Batch Date : 03/09/20 09:32:10

Reagent	Dilution	Consums. ID
022720.R11	40	180111
021820.R12		914C4-914AK
030520.R06		929C6-929H
030520.R07		

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. LOQ for all cannabinoids is 1 mg/L).

Filth PASSED

Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
584	1g	03/09/20		584

Analysis Method -SOP.T.40.013 **Batch Date :** 03/09/20 10:35:01
Analytical Batch -DA010811FIL **Reviewed On -** 03/09/20 10:44:36
Instrument Used : Filth/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

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

Signature

03/12/2020
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PASSED

Green Roads

5150 SW 48TH WAY DAVIE
FL, USA 33314
Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA00309005-001
Harvest/LOT ID: 2002001
Batch# : 2002001
Sampled : 03/06/20
Ordered : 03/06/20
Sample Size Received : 15
Completed : 03/12/20 **Expires:** 03/12/21
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
DIMETHOATE	0.01	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	1	ND
CYFLUTHRIN	0.05	ppm	1	ND
CHLORFENAPYR	0.01	ppm	0.1	ND
METHYL PARATHION	0.005	ppm	0.1	ND
CAPTAN	0.07	ppm	3	ND
ABAMECTIN B1A	0.02	ppm	0.3	ND
ACEPHATE	0.001	ppm	3	ND
DICHLORVOS	0.05	ppm	0.1	ND
DIMETHOMORPH	0.005	ppm	3	ND
ACEQUINOCYL	0.01	ppm	2	ND
ACETAMIPRID	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND
ALDICARB	0.02	ppm	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	3	ND
ETOXAZOLE	0.01	ppm	1.5	ND
BIFENAZATE	0.01	ppm	3	ND
FENHEXAMID	0.01	ppm	3	ND
FENOXYCARB	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND
BOSCALID	0.01	PPM	3	ND
FENPYROXIMATE	0.01	ppm	2	ND
CARBARYL	0.01	ppm	0.5	ND
FIPRONIL	0.02	ppm	0.1	ND
FLONICAMID	0.01	ppm	2	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	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
CHLORPYRIFOS	0.01	ppm	0.1	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.01	ppm	2	ND
CLOFENTEZINE	0.01	ppm	0.5	ND
METALAXYL	0.01	ppm	3	ND
COUMAPHOS	0.005	ppm	0.1	ND
METHIOCARB	0.01	ppm	0.1	ND
METHOMYL	0.01	ppm	0.1	ND
DAMINOZIDE	0.02	ppm	0.1	ND

Pesticides	LOD	Units	Action Level	Result
DIAZANON	0.01	ppm	0.2	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
PHOSMET	0.01	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	ND
PRALLETHRIN	0.05	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	0.02	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 CONTAMINANT LOAD (PESTICIDES)	0.1	ppm	20	ND
TOTAL PERMETHRIN	1	ppm	1	ND
TOTAL SPINOSAD	1	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
CHLORDANE *	0.01	ppm	0.1	ND
PCNB *	0.01	ppm	0.2	ND

Pesticides — PASSED

Analyzed by 585 ,
Weight 0.9640g
Extraction date 03/09/20 01:03:10
Extracted By 1082 , 584

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
Analytical Batch - DA010802PES , DA010819 **Reviewed On-** 03/09/20 10:44:36
Instrument Used : DA-LCMS-001_DER
Batch Date : 03/09/20 09:06:53

Reagent	Dilution	Consums. ID
020720.03 030920.R14 030920.R15	10	180111 280653964

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

Jorge Segredo
Lab Director
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ISO Accreditation # 97164

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Relax Bears
N/A
Matrix : Edible

Certificate of Analysis

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Green Roads

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Telephone: (844) 747-3367
Email: LAURA@GREENROADSWORLD.COM

Sample : DA00309005-001
Harvest/LOT ID: 2002001
Batch# : 2002001
Sampled : 03/06/20
Ordered : 03/06/20
Sample Size Received : 15
Completed : 03/12/20 **Expires:** 03/12/21
Sample Method : SOP Client Method

Residual Solvents PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND
CHLOROFORM	0.18	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND
DICHLOROMETHANE	3.75	ppm	125	PASS	ND
ETHANOL	90	ppm	5000	PASS	195.796
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-PENTANE)	67.5	ppm	750	PASS	ND
ACETONE	67.5	ppm	750	PASS	ND
PROPANE	120	ppm	5000	PASS	ND
ACETONITRILE	5.4	ppm	60	PASS	ND
TOLUENE	13.5	ppm	150	PASS	ND
BENZENE	0.09	ppm	1	PASS	ND
TOTAL XYLENES	13.5	ppm	150	PASS	ND
2-PROPANOL	45	ppm	500	PASS	ND
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND

Residual Solvents PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0240g	03/09/20 02:03:58	850

Analysis Method -SOP.T.40.032
Analytical Batch -DA010822SOL **Reviewed On - 03/10/20 13:46:58**
Instrument Used : Headspace GCMS
Batch Date : 03/09/20 14:22:52

Reagent	Dilution	Consums. ID
	1	00279984 161291-1 24154107

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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Sample : DA00309005-001
Harvest/LOT ID: 2002001
Batch# : 2002001
Sampled : 03/06/20
Ordered : 03/06/20
Sample Size Received : 15
Completed : 03/12/20 **Expires:** 03/12/21
Sample Method : SOP Client Method

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

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA010803 | **Reviewed On -** 03/12/20 12:51:40
Instrument Used : DA-LCMS-001_DER
Batch Date : 03/09/20 09:07:13

Analyzed by	Weight	Extraction date	Extracted By
585	1g	03/09/20 05:03:06	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Reagent	Reagent	Consums. ID
013120.93	013120.297	181207119C
013120.111		918C4-918J
013120.141		914C4-914AK
013120.144		929C6-929H
013120.317		19323
122719.40		25219065
020420.364		190611634
013120.396		
121719.23		
020320.67		
013120.329		
013120.397		
121719.12		
013120.165		
013120.278		

Microbials — PASSED

Analyte	Result
ASPERGILLUS_FLAVUS	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_TERREUS	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
TOTAL_YEAST_AND_MOLD	<100

Analysis Method -SOP.T.40.043
Analytical Batch -DA010797MIC | **Reviewed On -** 03/10/20 17:47:12
Instrument Used : PathogenDX PCR_Array Scanner,PathogenDX PCR_NEW MINI AMP DA-089
Batch Date : 03/09/20 09:02:05

Analyzed by	Weight	Extraction date	Extracted By
513	1.0073g	03/09/20 10:03:46	1082

Reagent	Dilution	Consums. ID
082019.48		181019-274

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.

Heavy Metals — PASSED

Reagent	Reagent	Dilution
030320.R13	030420.R01	50
030920.R01	030320.R12	
030920.R03	111319.02	
030920.R04		
030420.R03		
030920.R02		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	ppm	ND	1.5
CADMIUM	0.02	ppm	ND	0.5
LEAD	0.02	ppm	ND	0.5
MERCURY	0.02	ppm	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2685g	03/09/20 12:03:01	457

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA010791HEA | **Reviewed On -** 03/10/20 08:23:24
Instrument Used : ICPMS-2030 B
Batch Date : 03/09/20 08:44:59

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.

Jorge Segredo
Lab Director
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ISO Accreditation # 97164

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