kaycha LABS

4131 SW 47th AVENUE SUITE 1408

Kaycha Labs

Hazelnut Hemp Flower Coffee
na
Matrix: Edible

Certificate of Analysis

Sample:DA00511009-002
Harvest/Lot ID: GR126HZ
Cultivation Facility: N/A
Processing Facility : N/A
Seed to Sale #n/a
Batch Date :05/08/20
Batch#: GR126HZ
Sample Size Received: 70.8 gram
Retail Product Size: 70.8
Ordered : 05/08/20
Sampled : 05/08/20
Completed: 05/18/20 Expires: 05/18/21
Sampling Method: SOP.T.20.010

May 18, 2020 | Green Roads

5150 SW 48TH WAY DAVIE
FL, USA 33314

GREEN ROADS

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

CANNABINOID RESULTS

Total THC
0.008%

Total CBD
0.036%

Total Cannabinoids
1.323%

	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
	0.025%	1.158%	0.101%	ND	ND	ND	ND	ND	0.036%	0.008%	ND
	0.290 mg/g	12.500 mg/g	1.610 mg/g	ND	ND	ND	ND	ND	0.360 mg/g	0.080 mg/g	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 :
430	2.90684	05/11/20 09:05:25	965

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On - 05/15/20 17:55:31**
Analytical Batch -DA012393POT **Instrument Used : DA-LC-003** **Batch Date : 05/13/20 11:51:01**

Reagent	Dilution	Consums. ID
032320.27	400	280678841
051120.R07		914014AK
051120.R06		929C6 929H

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.

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

Signature

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

Sample : DA00511009-002
Harvest/LOT ID: GR126HZ
Batch# : GR126HZ
Sampled : 05/08/20
Ordered : 05/08/20
Sample Size Received : 70.8 gram
Completed : 05/18/20 **Expires:** 05/18/21
Sample Method : SOP.T.20.010

Pesticides

PASSED

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
CARBARYL	0.05	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	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
DAMINOZIDE	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.2	ND
DICHLORVOS	0.01	ppm	0.1	ND
CYPERMETHRIN	0.05	ppm	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
METHOMYL	0.01	ppm	0.1	ND
METHYL PARATHION	0.005	ppm	0.1	ND
MEVINPHOS	0.01	ppm	0.1	ND

Pesticides	LOD	Units	Action Level	Result
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
PYRETHRIN I	0.01	ppm	1	ND
PYRETHRIN II	0.01	ppm	1	ND
PYRETHRINS	0.05	ppm	1	ND
PYRIDABEN	0.02	ppm	3	ND
SPINETORAM	0.02	PPM	3	ND
SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
SPINOSAD (SPINOSYN D)	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	0.05	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

Pesticides

PASSED

Analyzed by	Weight	Extraction date	Extracted By
585	1.0662g	05/11/20 12:05:09	357

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA012188PES
Instrument Used : DA-LCMS-001 DER (PES)
Batch Date : 05/05/20 12:48:04

Reagent	Dilution	Consums. ID
[illegible]	10	2606/8041 76762 590

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 LCMS/MS and SOP.T40.065 Procedure for Pesticide Quantification Using LC/MS). Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

Jorge Segredo
Lab Director

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ISO Accreditation # 97164

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Telephone: (844) 747-3367
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Sample : DA00511009-002
Harvest/LOT ID: GR126HZ
Batch# : GR126HZ
Sampled : 05/08/20
Ordered : 05/08/20
Sample Size Received : 70.8 gram
Completed : 05/18/20 **Expires:** 05/18/21
Sample Method : SOP.T.20.010

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0215g	05/14/20 05:05:18	850

Analysis Method -SOP.T.40.032
Analytical Batch -DA012445SOL **Reviewed On - 05/15/20 16:32:46**
Instrument Used : DA-GCMS-002
Batch Date : 05/14/20 17:26:22

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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Batch# : GR126HZ
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Completed : 05/18/20 **Expires:** 05/18/21
Sample Method : SOP.T.20.010

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 -DA012189 | Reviewed On - 05/16/20 01:28:50
Instrument Used : DA-LCMS-001_DER (MYC)
Batch Date : 05/05/20 12:49:16

Analyzed by	Weight	Extraction date	Extracted By
585	1g	05/11/20 06:05:34	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.

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 / SOP.T.40.045
Analytical Batch -DA012481MIC | Reviewed On - 05/18/20 12:19:12
Instrument Used : (Micro) 25-27C Incubator
Batch Date : 05/18/20 08:33:44

Analyzed by	Weight	Extraction date	Extracted By
513	1.043Bg	05/18/20 12:05:33	513

Reagent	Dilution	Consums. ID
050520.07		[illegible]

Consums. ID

190611634

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
050820.R01	042720.R36	100
030920.01	101819.07	
050520.R05		
050520.R04		
050720.R13		
050520.R03		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2679g	05/11/20 01:05:02	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA012300HEA | Reviewed On - 05/12/20 16:20:49
Instrument Used : DA-ICPMS-001
Batch Date : 05/11/20 08:22:14

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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ISO Accreditation # 97164

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