kaycha LABS
4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, USA

Kaycha Labs
Lavender melt
N/A
Matrix: Derivative

Certificate of Analysis

Sample:DA01119011-003
Harvest/Lot ID: na
Seed to Sale #N/A
Batch Date :N/A
Batch#: na
Sample Size Received: 28 gram
Retail Product Size: 28 gram
Ordered : 11/16/20
Sampled : 11/16/20
Completed: 11/23/20 Expires: 11/23/21
Sampling Method: SOP Client Method

Nov 23, 2020 | Green Earth Health

7972 Forest City Road
Orlando, FL, 32810, US

PASSED

PRODUCT IMAGE | SAFETY RESULTS | MISC.

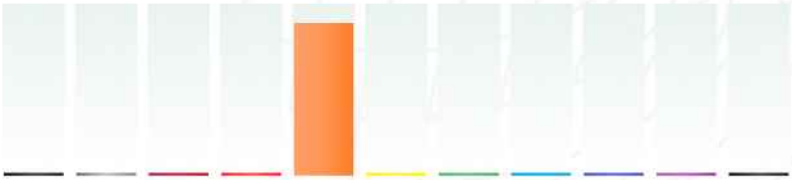
Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Terpenes
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED

CANNABINOID RESULTS

Total THC
0.006%

Total CBD
0.392%

Total Cannabinoids
0.398%



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
	ND	ND	<0.010	<0.010	0.392%	ND	ND	0.006%	ND	ND	ND
	ND	ND	<0.010	<0.010	3.920 mg/g	ND	ND	0.060 mg/g	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %

Filth — PASSED

Analyzed By	Weight	Extraction date	Extracted By	
457	1g	NA		NA
Analyte			LOD	Result
Filth and Foreign Material			0.1	ND

Analysis Method -SOP.T.40.013 **Batch Date :** 11/19/20 15:03:50
Analytical Batch -DA019009FIL **Reviewed On -** 11/19/20 15:27:48
Instrument Used : Filth/Foreign Material Microscope
Running On :

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

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	2.4507g	11/19/20 03:11:20	1823

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 11/20/20 12:29:11 **Batch Date :** 11/19/20 09:06:13
Analytical Batch -DA018980POT **Instrument Used :** DA-LC-001 **Running On :** 11/19/20 21:49:35

Reagent	Dilution	Consums. ID
121019.17	400	181019-274
111720.R14		280670723
111720.R02		914C4-914AK
		929C6-929H
		76262-590

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 # CMTL-0002
ISO Accreditation # 97164

Signature

11/23/2020
Signed On

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Lavender melt
N/A
Matrix : Derivative

Certificate of Analysis

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Green Earth Health

7972 Forest City Road
Orlando, FL, 32810, US
Telephone: 7542241242
Email: paul.reid@greenearthhealth.org

Sample : DA01119011-003
Harvest/LOT ID: na
Batch# : na
Sampled : 11/16/20
Ordered : 11/16/20

Sample Size Received : 28 gram
Completed : 11/23/20 **Expires:** 11/23/21
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ACEPHATE	0.01	ppm	3	ND
ABAMECTIN B1A	0.01	ppm	0.3	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	0.1	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
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
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	0.3	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND

Pesticides	LOD	Units	Action Level	Result
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)	0.5	PPM	20	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
CHLORDANE *	0.01	PPM	0.1	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
PARATHION-METHYL *	0.01	PPM	0.1	ND
CAPTAN *	0.025	PPM	3	ND
CHLORFENAPYR *	0.01	PPM	0.1	ND
CYFLUTHRIN *	0.01	PPM	1	ND
CYPERMETHRIN *	0.01	PPM	1	ND

Pesticides — PASSED

Analyzed by	Weight	Extraction date	Extracted By
585 , 795	0.4773g	11/19/20 05:11:55	585 , 1665

Analysis Method - SOP.T.30.065, SOP.T.40.065 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA019004PES , DA019003VOL **Reviewed On-** 11/19/20 15:27:48
Instrument Used : DA-LCMS-002_DER (PES) , DA-GCMS-001
Running On : 11/19/20 18:26:28 , 11/19/20 18:30:33
Batch Date : 11/19/20 11:46:02

Reagent	Dilution	Consums. ID
092320.14	10	287035261 76262-590

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 LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMS). * 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

Signature

11/23/2020
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Lavender melt
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Green Earth Health

7972 Forest City Road
Orlando, FL, 32810, US
Telephone: 7542241242
Email: paul.reid@greenearthhealth.org

Sample : DA01119011-003
Harvest/LOT ID: na
Batch# : na
Sampled : 11/16/20
Ordered : 11/16/20

Sample Size Received : 28 gram
Completed : 11/23/20 **Expires:** 11/23/21
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
PROPANE	500	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
METHANOL	25	ppm	250	PASS	ND
ETHANOL	500	ppm		PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
BENZENE	0.1	ppm	1	PASS	<0.500
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0270g	11/23/20 12:11:53	850

Analysis Method - SOP.T.40.032
Analytical Batch - DA019062SOL **Reviewed On -** 11/23/20 14:32:56
Instrument Used : DA-GCMS-003
Running On :
Batch Date : 11/20/20 16:04:49

Reagent	Dilution	Consums. ID
	11	G201.162 R2017.179

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.40.032 Residual Solvents Analysis via GC-MS).

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N/A
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Sample : DA01119011-003
Harvest/LOT ID: na
Batch# : na
Sampled : 11/16/20
Ordered : 11/16/20

Sample Size Received : 28 gram
Completed : 11/23/20 **Expires:** 11/23/21
Sample Method : SOP Client Method

Microbials PASSED

Analyte	LOD	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.

Analysis Method -SOP.T.40.043 / SOP.T.40.044
Analytical Batch -DA019001MIC **Batch Date :** 11/19/20
Instrument Used : PathogenDX PCR_Array Scanner DA-111
Running On : 11/20/20

Analyzed by	Weight	Extraction date	Extracted By
1794	0.8325g	11/19/20	513

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	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 -DA019005MYC | **Reviewed On -** 11/23/20 13:43:17
Instrument Used : DA-LCMS-002_DER (MYC)
Running On : 11/19/20 18:26:04
Batch Date : 11/19/20 11:51:24

Analyzed by	Weight	Extraction date	Extracted By
585	1g	11/19/20 05:11:07	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.

Heavy Metals PASSED

Dilution
100

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
MERCURY	0.02	PPM	<0.100	3
LEAD	0.05	PPM	ND	

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2480g	11/19/20 05:11:17	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA019007HEA | **Reviewed On -** 11/23/20 08:47:37
Instrument Used : DA-ICPMS-002
Running On : 11/23/20 08:37:20
Batch Date : 11/19/20 11:59:35

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
State License # CMTL-0002
ISO Accreditation # 97164

Signature

11/23/2020
Signed On