4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

Kaycha Labs

1000mg Baked Disposable CBD Pen by VapeBrat
N/A
Matrix: Derivative

Certificate of Analysis

Sample:DA00413010-003
Harvest/Lot ID: 2020
Seed to Sale #N/A
Batch Date :N/A
Batch#: 0505
Sample Size Received: 5 ml
Total Weight/Volume: 5
Retail Product Size: 0.5 gram
Ordered : 04/06/20
sampled : 04/06/20
Completed: 04/23/20
Sampling Method: SOP Client Method

Apr 23, 2020 | Relegated Renegades

1267 Forest Ave Rear Suite #2
Staten Island, NY, 10302, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	PASSED

MISC.

Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.000%
THC/Container :0.000 mg

Total CBD
2.655%
CBD/Container :16.726 mg

Total Cannabinoids
2.655%
Total Cannabinoids/Container :16.726 mg

	TOTAL CA	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
%	2.6549	2.6549	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6549	ND	ND
mg/g	26.5490	26.5490	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.5500	ND	ND
LOD	0.0000 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0001	0.0001	0.0010

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.1122g	04/13/20 11:04:16	965

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 04/14/20 12:15:05 **Batch Date :** 04/13/20 08:53:13
Analytical Batch -DA011598POT **Instrument Used :** DA-LC-003

Reagent	Dilution	Consums. ID
032320.30	400	180111
040720.R18		914C4-914AK
040720.R17		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).

Filth — PASSED

Analyzed By	Weight	Extraction date	Extracted By
584	1g	04/13/20	584

Analyte	LOD	Result
Filth and Foreign Material	0	ND

Analysis Method -SOP.T.40.013 **Batch Date :** 04/13/20 11:58:06
Analytical Batch -DA011623FIL **Reviewed On -** 04/13/20 12:00:34
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.

Water Activity — PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
WATER ACTIVITY	584	1g	04/13/20	0.1 aw	0.85aw	0.124aW

Analysis Method -Water Activity SOP.T.40.010 **Batch Date :** 04/13/20 09:02:52
Analytical Batch -DA011601WAT **Reviewed On -** 04/13/20 11:57:27
Instrument Used : DA-028 Rotronic Hygropalm

Moisture — PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	584	0.565g	04/13/20	1 %		24.960%

Analysis Method -Moisture
Analysis SOP.T.40.011 **Batch Date :** 04/13/20 09:02:38
Analytical Batch -DA011600MOI **Reviewed On -** 04/13/20 13:29:55
Instrument Used : DA-046 Moisture Analyzer

Jorge Segredo
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

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N/A
Matrix : Derivative

Certificate of Analysis

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Staten Island, NY, 10302, US
Telephone: 8772899987
Email: info@vapebrat.com

Sample : DA00413010-003
Harvest/LOT ID: 2020

Batch# : 0505
Sampled : 04/06/20
Ordered : 04/06/20

Sample Size Received : 5 ml
Total Weight/Volume : 5
Completed : 04/23/20 **Expires:** 04/23/21
Sample Method : SOP Client Method

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
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

Pesticides — PASSED

Analyzed by 585
Weight 1.0187g
Extraction date 04/13/20 02:04:10
Extracted By 1082

Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070
Analytical Batch - DA011610PES
Instrument Used : DA-LCMS-001_DER (PES)
Running On :
Reviewed On- 04/13/20 12:00:34
Batch Date : 04/13/20 09:35:59

Reagent	Dilution	Consums. ID
072919.19 020720.12 041320.R32 041320.R33 041320.R34	10	180111 280678841

Pesticide screen is performed using LC-MS and/or GC-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 GCMSMS. SOP.T40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * 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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Signature

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N/A
Matrix : Derivative

Certificate of Analysis

PASSED

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Staten Island, NY, 10302, US
Telephone: 8772899987
Email: info@vapebrat.com

Sample : DA00413010-003
Harvest/LOT ID: 2020
Batch# : 0505
Sampled : 04/06/20
Ordered : 04/06/20

Sample Size Received : 5 ml
Total Weight/Volume : 5
Completed : 04/23/20 **Expires:** 04/23/21
Sample Method : SOP Client Method

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	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm		PASS	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
850	0.0201g	04/22/20 05:04:29	850

Analysis Method - SOP.T.40.032
Analytical Batch - DA011881SOL
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 04/22/20 17:26:21
Reviewed On - 04/23/20 16:36:35

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.40.032 Residual Solvents Analysis via GC-MS).

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N/A
Matrix : Derivative

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Harvest/LOT ID: 2020
Batch# : 0505
Sampled : 04/06/20
Ordered : 04/06/20

Sample Size Received : 5 ml
Total Weight/Volume : 5
Completed : 04/23/20 **Expires:** 04/23/21
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result	Action Level (cfu/g)
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 / SOP.T.40.041
Analytical Batch -DA011665MIC Batch Date : 04/14/20
Instrument Used :
Running On :

Analyzed by	Weight	Extraction date	Extracted By
513	1.0144g	04/15/20	513

Reagent	Consums. ID
012120.06	4603475C 914C4-914AK 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. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

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 -DA011611 | Reviewed On - 04/14/20 16:31:53
Instrument Used : DA-LCMS-001_DER (MYC)
Running On :
Batch Date : 04/13/20 09:37:30

Analyzed by	Weight	Extraction date	Extracted By
585	1g	04/13/20 04:04:24	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

Reagent	Reagent	Dilution	Consums. ID
040720.R10 041020.R13 111319.05 042020.R01 041320.R04 041320.R03	041320.R02 041320.R01 033120.R12	50	106557-04-091619

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	0.351	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2692g	04/13/20 01:04:25	457

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA011608HEA | Reviewed On - 04/14/20 08:11:19
Instrument Used : DA-ICPMS-001
Running On :
Batch Date : 04/13/20 09:11:53

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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Signature

04/23/20
Signed On