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

Kaycha Labs

FTH-Magnum Opus WF 3.5g
FTH-Magnum Opus
Matrix: Flower

Certificate of Analysis

Sample:DA20205004-001
Harvest/Lot ID: HYB-MAGO-020222-C0026
Batch#: 1368 6673 2275 6783
Cultivation Facility: Zolfo Springs Cultivation
Processing Facility : Zolfo Springs Processing
Seed to Sale# 6372 6804 0693 4379
Batch Date: 01/21/22
Sample Size Received: 12 units
Total Weight/Volume: 3000 units
Retail Product Size: 3.5 gram
Ordered : 02/04/22
sampled : 02/04/22
Completed: 02/08/22
Sampling Method: SOP.T.20.010

Feb 08, 2022 | FLUENT
82 NE 26th street
Miami, FL, 33137, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
TESTED

CANNABINOID RESULTS

Total THC
20.174%
TOTAL THC/Container :706.09 mg

Total CBD
0.039%
TOTAL CBD/Container :1.365 mg

Total Cannabinoids
23.379%
Total Cannabinoids/Container :818.265 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.045	0.353	<0.02	ND	ND	ND	0.373	<0.02	0.029	22.579
mg/unit	ND	1.575	12.355	<0.7	ND	ND	ND	13.055	<0.7	1.015	790.265
LOD	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %	0.002 %

Cannabinoid Profile Test

Analyzed by 450
Weight 0.2032g
Extraction date : 02/07/22 12:02:59
Extracted By : 2076
Analysis Method -SOP.T.40.020, SOP.T.30.050
Reviewed On - 02/08/22 16:13:12
Batch Date : 02/05/22 14:31:33
Analytical Batch -DA038076POT
Instrument Used : DA-LC-001 (Flower)
Running On : 02/07/22 19:38:59

Reagent	Dilution	Consumables ID
013122.R21 121321.05 013122.R20	400	CE0123 239146 293017195 61633-125C6-125E 11945-019CD-019C

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
357	NA	NA	NA

Analyte	LOD	Pass/Fail	Result
Filth and Foreign Material	0.1	Pass	ND

Analysis Method -SOP.T.40.013
Batch Date : 02/08/22 07:25:27
Analytical Batch -DA038141FIL
Reviewed On - 02/08/22 17:10:51
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	P/F	Result
WATER ACTIVITY	1879	NA	NA	0.01 aw	Pass	0.486aW

Analysis Method -Water Activity SOP.T.40.010
Analytical Batch -DA038143WAT
Instrument Used : DA-028 Rotronic Hygropalm
Reviewed On - 02/08/22 16:18:13
Batch Date : 02/08/22 07:26:14

Moisture — PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	P/F	Result
MOISTURE CONTENT	1879	0.515g	02/08/22	1 %	Pass	12.26%

Analysis Method -Moisture Analysis SOP.T.40.011
Batch Date : 02/08/22 08:35:04
Analytical Batch -DA038151MOI
Reviewed On - 02/08/22 13:51:58
Instrument Used : DA-003 Moisture Analyzer

Shimadzu moisture balance moc63u

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Jorge Segredo
Lab Director

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ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

02/08/22
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FTH-Magnum Opus
Matrix : Flower

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FLUENT

82 NE 26th street
Miami, FL, 33137, US
Telephone: (305) 900-6266
Email: Sam@getfluent.com

Sample : DA20205004-001
Harvest/Lot ID: HYB-MAGO-020222-C0026
Batch# : 1368 6673 2275 6783
Sampled : 02/04/22
Ordered : 02/04/22

Sample Size Received : 12 units
Total Weight/Volume : 3000 units
Completed : 02/08/22 **Expires:** 02/08/23
Sample Method : SOP.T.20.010

Terpenes — TESTED

Terpenes	LOD(%)	mg/unit	%
TOTAL TERPINEOL	0.007	1.645	0.047
CAMPHENE	0.007	0.735	0.021
BETA-MYRCENE	0.007	8.26	0.236
3-CARENE	0.007	ND	ND
ALPHA-PHELLANDRENE	0.007	ND	ND
OCIMENE	0.007	0.98	0.028
EUCALYPTOL	0.007	ND	ND
LINALOOL	0.007	5.845	0.167
FENCHONE	0.007	< 0.2	< 0.02
ISOPULEGOL	0.007	ND	ND
ISOBORNEOL	0.007	ND	ND
HEXAHYDROTHYMOL	0.007	ND	ND
NEROL	0.007	ND	ND
GERANYL ACETATE	0.007	ND	ND
BETA-CARYOPHYLLENE	0.007	15.33	0.438
VALENCENE	0.007	ND	ND
CEDROL	0.007	ND	ND
CIS-NEROLIDOL	0.007	ND	ND
FARNESENE	0.007	ND	ND
CARYOPHYLLENE OXIDE	0.007	< 0.2	< 0.02
ALPHA-BISABOLOL	0.007	1.89	0.054
ALPHA-PINENE	0.007	7.245	0.207
SABINENE	0.007	ND	ND
BETA-PINENE	0.007	4.97	0.142
ALPHA-TERPINENE	0.007	ND	ND
LIMONENE	0.007	24.955	0.713
GAMMA-TERPINENE	0.007	ND	ND
TERPINOLENE	0.007	< 0.2	< 0.02
SABINENE HYDRATE	0.007	ND	ND
FENCHYL ALCOHOL	0.007	2.625	0.075
CAMPHOR	0.013	ND	ND

Terpenes	LOD(%)	mg/unit	%
BORNEOL	0.013	< 0.4	< 0.04
GERANIOL	0.007	< 0.2	< 0.02
PULEGONE	0.007	ND	ND
ALPHA-CEDRENE	0.007	ND	ND
ALPHA-HUMULENE	0.007	4.9	0.14
TRANS-NEROLIDOL	0.007	< 0.2	< 0.02
GUAIOL	0.007	ND	ND

Total (%) 2.268

Terpenes — TESTED

Analyzed by	Weight	Extraction date	Extracted By
2651	0.9754g	02/07/22 01:02:22	2651

Analysis Method - SOP.T.40.090
Analytical Batch - DA038092TER
Instrument Used : DA-GCMS-004
Running On : 02/07/22 16:13:34
Batch Date : 02/06/22 09:16:53
Reviewed On - 02/08/22 09:05:51

Reagent	Dilution	Consums. ID
100421.06	10	280678841 CE0123 14725401 929C6-929H

Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography – Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS/MS.

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Jorge Segredo
Lab Director

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FTH-Magnum Opus
Matrix : Flower

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FLUENT

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Miami, FL, 33137, US
Telephone: (305) 900-6266
Email: Sam@getfluent.com

Sample : DA20205004-001
Harvest/Lot ID: HYB-MAGO-020222-C0026
Batch# : 1368 6673 2275 6783
Sampled : 02/04/22
Ordered : 02/04/22

Sample Size Received : 12 units
Total Weight/Volume : 3000 units
Completed : 02/08/22 **Expires:** 02/08/23
Sample Method : SOP.T.20.010

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	0.1	PASS	ND
ACEQUINOCYL	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.1	PASS	ND
BOSCALID	0.01	PPM	0.1	PASS	ND
CARBARYL	0.05	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.1	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.02	ppm	0.2	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZINON	0.01	ppm	0.1	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND
ETOXAZOLE	0.01	ppm	0.1	PASS	ND
FENHEXAMID	0.01	ppm	0.1	PASS	ND
FENOXYCARB	0.01	ppm	0.1	PASS	ND
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND
FIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	0.1	PASS	ND
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND
IMAZALIL	0.01	ppm	0.1	PASS	ND
IMIDACLOPRID	0.04	ppm	0.4	PASS	ND
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND
MALATHION	0.02	ppm	0.2	PASS	ND
METALAXYL	0.01	ppm	0.1	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND
NALED	0.025	ppm	0.25	PASS	ND
OXAMYL	0.05	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PHOSMET	0.01	ppm	0.1	PASS	ND
PIPERONYL BUTOXIDE	0.3	ppm	3	PASS	ND
PRALLETHRIN	0.01	ppm	0.1	PASS	ND
PROPICONAZOLE	0.01	ppm	0.1	PASS	ND
PROPOXUR	0.01	ppm	0.1	PASS	ND
PYRETHRINS	0.05	ppm	0.5	PASS	ND
PYRIDABEN	0.02	ppm	0.2	PASS	ND
SPIROMESIFEN	0.01	ppm	0.1	PASS	ND
SPIROTETRAMAT	0.01	ppm	0.1	PASS	ND
SPIROXAMINE	0.01	ppm	0.1	PASS	ND
TEBUCONAZOLE	0.01	ppm	0.1	PASS	ND
THIACLOPRID	0.01	ppm	0.1	PASS	ND
THIAMETHOXAM	0.05	ppm	0.5	PASS	ND
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.005	PPM			ND
TOTAL DIMETHOMORPH	0.02	PPM	0.2	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND
TOTAL SPINETORAM	0.02	PPM	0.2	PASS	ND
TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND
TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CAPTAN *	0.025	PPM	0.7	PASS	ND
CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CYFLUTHRIN *	0.01	PPM	0.5	PASS	ND
CYPERMETHRIN *	0.01	PPM	0.5	PASS	ND

Pesticides

PASSED

Analyzed by
585 , 1665

Weight
0.8311g

Extraction date
02/07/22 01:02:03

Extracted By
585 , 585

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 - DA038124PES , DA038110VOL

Reviewed On -
02/08/22 17:10:51

Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006

Running On : 02/07/22 15:43:05 , 02/07/22 15:32:16

Batch Date : 02/07/22 11:28:00

Reagent	Dilution	Consumables ID
020122.R06	250	6524407-03
020222.R26		
011822.R59		
020222.R01		
092820.59		

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.

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Matrix : Flower

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Total Weight/Volume : 3000 units
Completed : 02/08/22 **Expires:** 02/08/23
Sample Method : SOP.T.20.010

Microbials — PASSED

Analyte	LOD	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP		not present in 1 gram.	PASS	
SALMONELLA SPECIFIC GENE		not present in 1 gram.	PASS	
ASPERGILLUS FLAVUS		not present in 1 gram.	PASS	
ASPERGILLUS FUMIGATUS		not present in 1 gram.	PASS	
ASPERGILLUS TERREUS		not present in 1 gram.	PASS	
ASPERGILLUS NIGER		not present in 1 gram.	PASS	
TOTAL YEAST AND MOLD	10	6000 CFU	PASS	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA038072MIC , DA038090TYM Batch Date : 02/05/22 14:18:43, 02/05/22 21:37:52
Instrument Used : PathogenDx Scanner DA-111,
Running On :

Analyzed by	Weight	Extraction date	Extracted By
2682, 513	0.9094g	02/05/22 09:02:57	1829, 1829

Reagent	Dilution
101521.R33 121421.23 020122.R69	1

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	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA038125MYC | Reviewed On - 02/08/22 14:29:55
Instrument Used : DA-LCMS-003 (MYC)
Running On : 02/07/22 15:44:04 | Batch Date : 02/07/22 11:29:07

Analyzed by	Weight	Extraction date	Extracted By
585	g	02/07/22 01:02:56	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

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC	0.02	PPM	ND	PASS	0.2
CADMIUM	0.02	PPM	ND	PASS	0.2
MERCURY	0.02	PPM	ND	PASS	0.2
LEAD	0.05	PPM	ND	PASS	0.5

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2365g	02/07/22 12:02:25	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052, SOP.T.30.053, SOP.T.40.051
Analytical Batch -DA038112HEA | Reviewed On - 02/08/22 10:39:21
Instrument Used : DA-ICPMS-003
Running On : 02/07/22 18:07:07 | Batch Date : 02/07/22 10:02:40

Reagent	Reagent	Reagent	Dilution	Consums. ID
020122.R42	020722.R06	111621.31	100	179436
012822.R28	020222.R49	122821.R12		3146-870-008
121020.04	020722.R05			12265-115CC
020722.R07	020122.R02			

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) using Method SOP.T.30.052, SOP.T.30.053 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050, SOP.T.40.051 Heavy Metals Analysis via ICP-MS.

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