Super Haze

kaycha LABS

673 N. Bardstown Rd
Mount Washington, KY, 40047, US

Kaycha Labs
11
N/A
Matrix: Flower

Certificate of Analysis

Sample:MO01013042-001
Harvest/Lot ID: zone 5
Seed to Sale #N/A
Batch Date :N/A
Batch#: 11
Sample Size Received: 10 gram
Retail Product Size: 10
Ordered : 10/12/20
Sampled : 10/12/20
Completed: 10/20/20 Expires: 10/20/21
Sampling Method: SOP Client Method

Oct 20, 2020 | Made By A Farmer

8275 Scio Church rd
Ann Arbor, MI, 48103, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
TESTED

CANNABINOID RESULTS

Total THC
0.499%

Total CBD
13.168%

Total Cannabinoids
15.976%

	D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
	ND	0.569%	0.161%	14.832 %	ND	ND	ND	ND	0.041%	0.042%	0.331%
	ND	5.690 mg/g	1.610 mg/g	148.320 mg/g	ND	ND	ND	ND	0.410 mg/g	0.420 mg/g	3.310 mg/g
LOD	0.0001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by 19 | **Weight** 0.1987g | **Extraction date :** 10/14/20 04:10:59 | **Extracted By :** 19
Analysis Method -SOP.T.40.020, SOP.T.30.050 | **Reviewed On -** 10/15/20 09:25:47 | **Batch Date :** 10/14/20 16:30:34
Analytical Batch -MO001268POT | **Instrument Used :** HPLC Potency Analyzer | **Running On :**

Reagent	Dilution	Consums. ID
	40	

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). Measurement of Uncertainty: 2.7%

Filth — PASSED

Analyzed By	Weight	Extraction date	LOD(ppm)	Extracted By
9	1g	10/13/20		9

Analysis Method -SOP.T.40.013 | **Batch Date :** 10/13/20 14:26:29
Analytical Batch -MO001256FIL | **Reviewed On -** 10/14/20 15:31:26
Instrument Used : Microscope
Running On :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-28/T Stereo Microscope is use for inspection.

Moisture — PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
MOISTURE CONTENT	9	1g	10/13/20	%		8.960 %

Analysis Method -SOP.T.40.011 | **Batch Date :** 10/13/20 14:28:05
Analytical Batch -MO001257MOI | **Reviewed On -** 10/14/20 09:29:49
Instrument Used : Moisture Balance
Running On :

David Greene
Lab Director
State License # 19-05-02P
ISO Accreditation # 17025:2017 #97164

Signature

10/20/2020
Signed On

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8275 Scio Church rd
Ann Arbor, MI, 48103, US
Telephone: 7344763114
Email: ryan.valik@gmail.com

Sample : MO01013042-001
Harvest/LOT ID: zone 5
Batch# : 11
Sampled : 10/12/20
Ordered : 10/12/20
Sample Size Received : 10 gram
Completed : 10/20/20 **Expires:** 10/20/21
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOD	Units	Result (%)
ALPHA-PHELLANDRENE	0.005	%	ND
FENCHONE	0.01	%	ND
GAMMA-TERPINENE	0.005	%	ND
GERANIOL	0.005	%	ND
GERANYL ACETATE	0.01	%	ND
GUAIOL	0.005	%	0.046
LIMONENE	0.005	%	0.015
LINALOOL	0.01	%	0.014
NEROL	0.005	%	ND
OCIMENE	0.005	%	ND
PULEGONE	0.005	%	ND
SABINENE	0.005	%	ND
SABINENE HYDRATE	0.01	%	ND
TERPINEOL	0.005	%	0.007
TERPINOLENE	0.005	%	ND
TRANS-CARYOPHYLLENE	0.005	%	0.202
TRANS-NEROLIDOL	0.005	%	0.011
VALENCENE	0.005	%	ND
CEDROL	0.005	%	ND
ALPHA-HUMULENE	0.005	%	0.064
ALPHA-PINENE	0.005	%	0.037
ALPHA-TERPINENE	0.005	%	ND
BETA-MYRCENE	0.005	%	0.105
BETA-PINENE	0.005	%	0.016
BORNEOL	0.01	%	ND
CAMPHENE	0.005	%	ND
CAMPHOR	0.01	%	ND
CARYOPHYLLENE OXIDE	0.005	%	0.010
ALPHA-CEDRENE	0.005	%	ND
ALPHA-BISABOLOL	0.005	%	0.058
ISOPULEGOL	0.01	%	ND
CIS-NEROLIDOL	0.005	%	ND
3-CARENE	0.005	%	ND
FENCHYL ALCOHOL	0.005	%	0.005
HEXAHYDROTHYMOL	0.005	%	ND
EUCALYPTOL	0.005	%	ND
ISOBORNEOL	0.005	%	ND

Total 0.590

Terpenes

TESTED

Analyzed by	Weight	Extraction date	Extracted By
18	0.977g	10/14/20 01:10:25	18

Analysis Method -SOP.T.40.090
Analytical Batch -MO001266TER **Reviewed On - 10/15/20 10:10:47**
Instrument Used : GCMS8050 with Liquid Handler
Running On :
Batch Date : 10/14/20 13:43:27

Reagent	Dilution	Consums. ID

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.40.091 Terpenoid Analysis Via GC-MS/MS.

David Greene
Lab Director
State License # 19-05-02P
ISO Accreditation # 17025:2017 #97164

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Telephone: 7344763114
Email: ryan.valik@gmail.com

Sample : MO01013042-001
Harvest/LOT ID: zone 5
Batch# : 11
Sampled : 10/12/20
Ordered : 10/12/20

Sample Size Received : 10 gram
Completed : 10/20/20 **Expires:** 10/20/21
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND
ACEPHATE	0.010	ppm	0.5	ND
ACEQUINOCYL	0.02	ppm	2	ND
ACETAMIPRID	0.010	ppm	0.2	ND
ALDICARB	0.020	ppm	0.4	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND
BIFENAZATE	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND
CARBARYL	0.010	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND
COUMAPHOS	0.005	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND
DAMINOZIDE	0.010	ppm	1	ND
DIAZANON	0.010	ppm	0.2	ND
DICHLORVOS	0.050	ppm	0.1	ND
DIMETHOATE	0.010	ppm	0.2	ND
DIMETHOMORPH	0.005	ppm	0.1	ND
ETHOPROPHOS	0.010	ppm	0.2	ND
ETOFENPROX	0.010	ppm	0.4	ND
ETOXAZOLE	0.010	ppm	0.2	ND
FENHEXAMID	0.005	ppm	0.1	ND
FENOXYCARB	0.010	ppm	0.2	ND
FENPYROXIMATE	0.010	ppm	0.4	ND
FIPRONIL	0.020	ppm	0.4	ND
FLONICAMID	0.010	ppm	1	ND
FLUDIOXONIL	0.010	ppm	0.4	ND
HEXYTHIAZOX	0.010	ppm	1	ND
IMAZALIL	0.010	ppm	0.2	ND
IMIDACLOPRID	0.010	ppm	0.4	ND
KRESOXIM-METHYL	0.010	ppm	0.4	ND
MALATHION	0.010	ppm	0.2	ND
METALAXYL	0.010	ppm	0.2	ND
METHIOCARB	0.010	ppm	0.2	ND
METHOMYL	0.010	ppm	0.6	ND
MEVINPHOS	0.010	ppm	0.1	ND
MYCLOBUTANIL	0.010	ppm	0.2	ND
NALED	0.010	ppm	0.5	ND
OXAMYL	0.010	ppm	1	ND
PACLOBUTRAZOL	0.010	ppm	0.4	ND
PERMETHRINS	0.050	ppm	1	ND
PHOSMET	0.010	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.010	ppm	3	ND
PRALLETHRIN	0.050	ppm	0.2	ND
PROPICONAZOLE	0.010	ppm	0.4	ND
PROPOXUR	0.010	ppm	0.2	ND
PYRETHRIN I	0.010	ppm	1	ND
PYRIDABEN	0.005	ppm	0.2	ND
SPINETORAM	0.005	ppm	0.5	ND
SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
SPIROMESIFEN	0.010	ppm	0.2	ND
SPIROTETRAMAT	0.020	ppm	0.2	ND
SPIROXAMINE	0.010	ppm	0.4	ND
TEBUCONAZOLE	0.010	ppm	0.4	ND
THIACLOPRID	0.010	ppm	0.2	ND
THIAMETHOXAM	0.010	ppm	0.5	ND
TRIFLOXYSTROBIN	0.010	ppm	0.2	ND

Pesticides

PASSED

Analyzed by	Weight	Extraction date	Extracted By
1	0.496g	10/15/20 10:10:46	9

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - MO001252PES
Instrument Used : LCMSMS 8060 P
Running On :
Batch Date : 10/13/20 14:05:00

Reviewed On- 10/14/20 15:31:26

Reagent	Dilution	Consums. ID
102019.30		03-339-238
102019.37		03-339-230
102019.35		190711060
102019.34		042720919
102019.32		

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). *

David Greene
Lab Director
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Batch# : 11
Sampled : 10/12/20
Ordered : 10/12/20

Sample Size Received : 10 gram
Completed : 10/20/20 **Expires:** 10/20/21
Sample Method : SOP Client Method

Microbials — PASSED

Analyte	LOD	Result
ASPERGILLUS_TERREUS_1J2		not present in 1 gram.
ASPERGILLUS_NIGER		not present in 1 gram.
ASPERGILLUS_FUMIGATUS		not present in 1 gram.
ASPERGILLUS_FLAVUS		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
TOTAL_YEAST_AND_MOLD		18000

Analysis Method -SOP.T.40.043
Analytical Batch -NA Batch Date :
Instrument Used :
Running On :

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

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	0.001	ppm	ND	0.02
AFLATOXIN G1	0.001	ppm	ND	0.02
AFLATOXIN B2	0.001	ppm	ND	0.02
AFLATOXIN B1	0.001	ppm	ND	0.02
OCHRATOXIN A+	0.001	ppm	ND	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -MO001255MYC | Reviewed On - 10/16/20 10:18:23
Instrument Used :
Running On :
Batch Date : 10/13/20 14:06:55

Analyzed by	Weight	Extraction date	Extracted By
1	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

Heavy Metals — PASSED

Reagent

110119.52
110119.44
112519.01
110119.36

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	ppm	ND	10
CADMIUM	0.02	ppm	0.465	4.1
LEAD	0.02	ppm	ND	10
MERCURY	0.02	ppm	ND	2

Analyzed by	Weight	Extraction date	Extracted By
18	0.487g	10/14/20 12:10:03	18

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -MO001262HEA | Reviewed On - 10/14/20 14:50:58
Instrument Used : ICP-MS 2030
Running On :
Batch Date : 10/14/20 12:11:00

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. *Action Limits based on Colorado Regulations.

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Signature

10/20/2020
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