kaycha LABS
605 E Huntington Dr #204, CA, 91016, US

Kaycha Labs
HMG2
N/A
Matrix: Derivative

Certificate of Analysis

Sample:CA01110005-001
Harvest/Lot ID: N/A
Seed to Sale #n/a
Batch Date :11/10/20
Batch#: HMG Tfree 11.4
Sample Size Received: 15 gram
Retail Product Size: 15
Ordered : 11/10/20
Sampled : 11/10/20
Completed: 11/13/20 Expires: 11/13/21
Sampling Method: SOP Client Method

Nov 13, 2020 | Labyrinth Holdings LLC

27349 Jefferson Ave, Ste 205
Temecula, CA, 92590-5612, US

PASSED

PRODUCT IMAGE **SAFETY RESULTS** **MISC.**

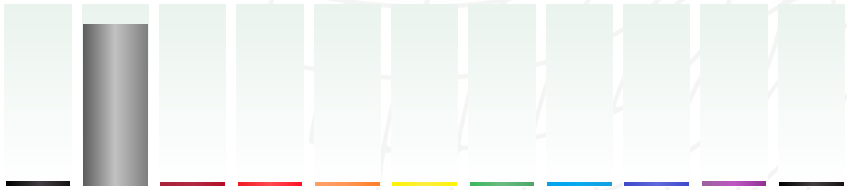
Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Terpenes
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED

CANNABINOID RESULTS

Total THC
0.000%

Total CBD
86.840%

Total Cannabinoids
90.737%



	CBDV	CBD	CBG	THCV	CBDA	CBGA	CBN	D9-THC	D8-THC	CBC	THCA-A
	2.160%	86.840 %	ND	ND	ND	ND	ND	ND	ND	1.737%	ND
	21.600 mg/g	868.400 mg/g	ND	ND	ND	ND	ND	ND	ND	17.370 mg/g	ND
LOD	0.02 %	0.01 %	0.1 %	0.02 %	0.02 %	0.02 %	0.01 %	0.02 %	0.02 %	0.01 %	0.01 %

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
1054	0.504g	NA	NA

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Batch Date :** 11/10/20 14:28:04
Analytical Batch -CA000545POT **Instrument Used :** HPLC-2030(MO-HPLC-02) **Running On :**

Reagent	Dilution	Consums. ID
091720.05	20	200110
061020.30		07/2019
110420.R02		VAV-09-1020
110520.R01		80081-188
111020.R01		5787599A

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 0.5 mg/L). The results of total THC, total CBD and total Cannabinoids in plant sample are reported on a dry weight basis.

Filth — PASSED

Analyzed By	Weight	Extraction date	Extracted By
1048	1g	NA	NA

Analyte	LOD	Result
Insect fragments, hairs & mammalian excreta	0.1	0

Analysis Method -SOP.T.40.013 **Batch Date :** 11/11/20 13:00:35
Analytical Batch -CA000556FIL **Reviewed On -** 11/11/20 15:48:41
Instrument Used :
Running On :

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.

Haifei Yin
Lab Director
State License # NA
ISO Accreditation # L18-47-1

Signature

11/13/2020
Signed On

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Labyrinth Holdings LLC

27349 Jefferson Ave, Ste 205
Temecula, CA, 92590-5612, US
Telephone: (951) 924-1892
Email: bob@labxoil.com

Sample : CA01110005-001
Harvest/LOT ID: N/A
Batch# : HMG Tfree 11.4 **Sample Size Received :** 15 gram
Sampled : 11/10/20 **Completed :** 11/13/20 **Expires:** 11/13/21
Ordered : 11/10/20 **Sample Method :** SOP Client Method

Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result
CYFLUTHRIN	0.1	ug/g	2	ND
ETOFENPROX	0.024	ug/g	0.1	ND
DAMINOZIDE	0.026	ug/g	0.1	ND
ACEQUINOCYL	0.018	ug/g	0.1	ND
CYPERMETHRIN	.040	ug/g	1	ND
ACEPHATE	0.008	ug/g	0.1	ND
BIFENTHRIN	.008	ug/g	3	ND
FENPYROXIMATE	.004	ug/g	0.1	ND
OXAMYL	0.01	ug/g	0.5	ND
PYRIDABEN	0.015	ug/g	0.1	ND
SPINOSADS	0.024	ug/g	0.1	ND
FLONICAMID	.022	ug/g	0.1	ND
THIAMETHOXAM	.008	ug/g	5	ND
PYRETHRINS	0.024	ug/g	0.5	ND
ABAMECTIN B1A	0.024	ug/g	0.1	ND
PERMETHRINS	0.024	ug/g	0.5	ND
METHOMYL	0.011	ug/g	1	ND
IMIDACLOPRID	0.010	ug/g	5	ND
ACETAMIPRID	0.007	ug/g	0.1	ND
MEVINPHOS	0.020	ug/g	0.1	ND
DIMETHOATE	0.024	ug/g	0.1	ND
THIACLOPRID	0.009	ug/g	0.1	ND
IMAZALIL	0.032	ug/g	0.1	ND
ALDICARB	0.025	ug/g	0.1	ND
PROPOXUR	0.025	ug/g	0.1	ND
DICHLORVOS	0.022	ug/g	0.1	ND
CARBOFURAN	0.024	ug/g	0.1	ND
CARBARYL	0.016	ug/g	0.5	0.083
NALED	0.01	ug/g	0.1	ND
CHLORANTRANILIPROLE	0.013	ug/g	10	ND
METALAXYL	0.006	ug/g	2	ND
PHOSMET	0.012	ug/g	0.1	ND
AZOXYSTROBIN	.007	ug/g	0.1	ND
FLUDIOXONIL	.014	ug/g	0.1	ND
SPIROXAMINE	0.025	ug/g	0.1	ND
BOSCALID	0.010	ug/g	0.1	ND
METHIOCARB	0.008	ug/g	0.1	ND
PACLOBUTRAZOL	0.022	ug/g	0.1	ND
MALATHION	.020	ug/g	0.5	ND
DIMETHOMORPH	.010	ug/g	2	ND
MYCLOBUTANIL	0.009	ug/g	0.1	ND
BIFENAZATE	.006	ug/g	0.1	ND
FENHEXAMID	0.005	ug/g	0.1	ND
SPIROTETRAMAT	.011	ug/g	0.1	ND
FIPRONIL	0.032	ug/g	0.1	ND
ETHOPROPHOS	0.017	ug/g	0.1	ND

Pesticides	LOD	Units	Action Level	Result
FENOXYCARB	0.007	ug/g	0.1	ND
KRESOXIM-METHYL	.008	ug/g	0.1	ND
TEBUCONAZOLE	.009	ug/g	0.1	ND
COUMAPHOS	0.026	ug/g	0.1	ND
DIAZINON	0.01	ug/g	0.1	ND
PROPICONAZOLE	0.010	ug/g	0.1	ND
CLOFENTEZINE	0.009	ug/g	0.1	ND
SPINETORAM	.008	ug/g	0.1	ND
TRIFLOXYSTROBIN	0.005	ug/g	0.1	ND
PRALLETHRIN	0.03	ug/g	0.1	ND
PIPERONYL BUTOXIDE	.01	ug/g	3	ND
CHLORPYRIFOS	0.009	ug/g	0.1	ND
HEXYTHIAZOX	.009	ug/g	0.1	ND
ETOXAZOLE	.013	ug/g	0.1	ND
SPIROMESIFEN	.025	ug/g	0.1	ND
PCNB *	0.01873	ug/g	0.1	ND
PARATHION-METHYL *	0.01356	ug/g	0.1	ND
CAPTAN *	0.03668	ug/g	0.7	ND
CHLORDANE *	0.02115	ug/g	0.1	ND
CHLORFENAPYR *	0.01981	ug/g	0.1	ND

Pesticides — PASSED

Analyzed by
1051 , 1051

Weight
0.507g

Extraction date
NA

Extracted By
NA ,

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - CA000548PES , CA000552VOL
Instrument Used : LCMS-8060 (PES) (MO-LCMS-001) , GCMS-TQ8050_DER(MO-GCMSTQ-01)
Running On :
Batch Date : 11/10/20 17:15:27

Reviewed On- 11/11/20 15:48:41

Reagent	Dilution	Consums. ID
091720.04 091720.01 110220.R06 102720.R05 110420.R02 093020.R01	1	200110 66022-060 VAV-09-1020 9299.077 10025-726 SFN-BX-1025 76124-646

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). *

Haifei Yin
Lab Director

State License # NA
ISO Accreditation # L18-47-1

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HMG2
N/A
Matrix : Derivative

Certificate of Analysis

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Labyrinth Holdings LLC

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Temecula, CA, 92590-5612, US
Telephone: (951) 924-1892
Email: bob@labxoil.com

Sample : CA01110005-001
Harvest/LOT ID: N/A
Batch# : HMG Tfree 11.4 **Sample Size Received :** 15 gram
Sampled : 11/10/20 **Completed :** 11/13/20 **Expires:** 11/13/21
Ordered : 11/10/20 **Sample Method :** SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,2- DICHLOROETHANE	0.1119	ug/g	1	PASS	ND
ACETONE	22.8676	ug/g	5000	PASS	ND
ACETONITRILE	30.1498	ug/g	410	PASS	ND
BENZENE	0.0897	ug/g	1	PASS	ND
BUTANE	45.9810	ug/g	5000	PASS	ND
CHLOROFORM	0.0760	ug/g	1	PASS	ND
ETHANOL	30.1944	ug/g	5000	PASS	ND
ETHYL ACETATE	36.7999	ug/g	5000	PASS	ND
ETHYL ETHER	41.0580	ug/g	5000	PASS	ND
ETHYLENE OXIDE	0.1547	ug/g	1	PASS	ND
HEPTANE	46.7093	ug/g	5000	PASS	ND
ISOPROPANOL	32.8178	ug/g	5000	PASS	ND
METHANOL	27.6548	ug/g	3000	PASS	136.060
METHYLENE CHLORIDE	0.0585	ug/g	1	PASS	ND
N-HEXANE	47.3415	ug/g	290	PASS	ND
PENTANE	45.6067	ug/g	500	PASS	ND
PROPANE	49.9883	ug/g	500	PASS	ND
TOLUENE	44.1866	ug/g	890	PASS	ND
TRICHLOROETHYLENE	0.2173	ug/g	1	PASS	ND
XYLENES*	48.6566	ug/g	2170	PASS	ND

Residual Solvents — PASSED

Analyzed by	Weight	Extraction date	Extracted By
1050	0.257g	NA	NA

Analysis Method -SOP.T.40.032
Analytical Batch -CA000568SOL **Reviewed On - 11/13/20 10:22:08**
Instrument Used : GCMS-QP2020(MO-GCMS-01)
Running On :
Batch Date : 11/12/20 14:53:20

Reagent	Dilution	Consums. ID
082720.07		REST-21764
100220.06		33011020200006
081020.R21		
011420.01		

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

Haifei Yin
Lab Director
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HMG2
N/A
Matrix : Derivative

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Sample : CA01110005-001
Harvest/LOT ID: N/A
Batch# : HMG Tfree 11.4 **Sample Size Received :** 15 gram
Sampled : 11/10/20 **Completed :** 11/13/20 **Expires:** 11/13/21
Ordered : 11/10/20 **Sample Method :** SOP Client Method

Microbials — PASSED

Analyte	LOD	Result
SALMONELLA		not present in 1 gram.
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.
SHIGA TOXIN-PRODUCING ESCHERICHIA. COLI		not present in 1 gram

Analysis Method -SOP.T.40.043
Analytical Batch -CA000567MIC **Batch Date :** 11/12/20
Instrument Used : Sensovation SensoSpot Fluorescence
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1069	0.97g	NA	NA

Reagent	Consums. ID	Consums. ID
010620.28	10025-726	26219028
	200103274	6980A10
	89012-778	107400-31-060120
	215918	107533-17-071520
	13-681-506	207379
	76322-134	18353

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 (PPB)
OCHRATOXIN A+	5.000	µg/kg	ND	20
AFLATOXIN B1	0.5	ug/kg	ND	20
AFLATOXIN G1	0.5	ug/kg	ND	20
AFLATOXIN G2	1	ug/kg	ND	20
AFLATOXIN B2	0.5	ug/kg	ND	20
TOTAL AFLATOXINS (SUM OF B1, B2, G1 &G2)	7.2	µg/kg	ND	20

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -CA000549MYC **| Reviewed On -** 11/11/20 12:53:40
Instrument Used :
Running On :
Batch Date : 11/10/20 17:20:21

Analyzed by	Weight	Extraction date	Extracted By
1051	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	Reagent	Consums. ID
012420.01	110920.R09	2003055-9D-0266-TA
010220.01	101920.02	89049-174
030220.11		
101920.R03		
120219.03		
020320.02		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.012	µg/g	0.187	0.2
CADMIUM	0.012	µg/g	ND	0.2
LEAD	0.016	µg/g	ND	0.5
MERCURY	0.018	µg/g	ND	0.1

Analyzed by	Weight	Extraction date	Extracted By
1050	0.504g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -CA000557HEA **| Reviewed On -** 11/11/20 15:17:42
Instrument Used : ICPMS-2030(MO-ICPMS-01)
Running On :
Batch Date : 11/11/20 13:18:00

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.

Haifei Yin
Lab Director

State License # NA
ISO Accreditation # L18-47-1

Signature

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