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

Kaycha Labs

MUSCLE & JOINT PAIN RELIEF CREAM 350 MG CBD
N/A
Matrix: Derivative

Certificate of Analysis

Sample:DA10614002-001
Harvest/Lot ID: E14X02
Seed to Sale #N/A
Batch Date :05/14/21
Batch#: BMR0126/GRW0106
Sample Size Received: 30 gram
Total Weight/Volume: N/A
Retail Product Size: 30 gram
Ordered : 06/09/21
sampled : 06/09/21
Completed: 06/17/21
Sampling Method: SOP Client Method

Jun 17, 2021 | Green Roads

601 Fairway Drive, 601 Fairway Drive
Deerfield Beach, Florida, 33441

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.000%
TOTAL THC/Container :0.000 mg

Total CBD
1.060%
TOTAL CBD/Container :318.000 mg

Total Cannabinoids
1.135%
Total Cannabinoids/Container :340.500 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	ND	ND	0.0750	1.0600	ND	ND	ND	ND	<0.010	ND
mg/g	ND	ND	ND	0.7500	10.6000	ND	ND	ND	ND	<0.010	ND
LOD	0.0010 %	0.0010 %	0.0010 %	0.0010 %	0.0001 %	0.0010 %	0.0010 %	0.0001 %	0.0010 %	0.0010 %	0.0010 %

Cannabinoid Profile Test

Analyzed by 450 | **Weight** 2.9689g | **Extraction date :** 06/14/21 02:06:24 | **Extracted By :** 2198
Analysis Method -SOP.T.40.020, SOP.T.30.050 | **Reviewed On -** 06/15/21 10:50:28 | **Batch Date :** 06/14/21 09:26:46
Analytical Batch -DA027234POT | **Instrument Used :** DA-LC-003

Reagent	Dilution	Consums. ID
110520.96	400	287035261
061121.R25		CE0123
061121.R24		11945-019CD-019C
		914C4-914AK
		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
457	NA	NA	NA

Analyte	LOD	Result
Filth and Foreign Material	0.1	ND

Analysis Method -SOP.T.40.013 | **Batch Date :** 06/14/21 10:11:44
Analytical Batch -DA027250FIL | **Reviewed On -** 06/14/21 11:04:38
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.

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Jorge Segredo
Lab Director

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

Signature

06/17/21
Signed On

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Kaycha Labs

MUSCLE & JOINT PAIN RELIEF CREAM 350 MG CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Green Roads

601 Fairway Drive, 601 Fairway Drive
Deerfield Beach, Florida, 33441
Telephone: (954) 609-5537
Email: ashley@greenroads.com

Sample : DA10614002-001
Harvest/LOT ID: E14X02

Batch# : BMR0126/GRW0106
Sampled : 06/09/21
Ordered : 06/09/21

Sample Size Received : 30 gram
Total Weight/Volume : N/A
Completed : 06/17/21 **Expires:** 06/17/22
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	0.1	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
DIAZINON	0.01	ppm	3	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	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	1	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
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
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)	0.05	PPM	20	ND
TOTAL DIMETHOMORPH	0.02	PPM	3	ND
TOTAL PERMETHRIN	0.01	ppm	1	ND
TOTAL SPINETORAM	0.02	PPM	3	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND
PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	ND
PARATHION-METHYL *	0.01	PPM	0.1	ND
CAPTAN *	0.025	PPM	3	ND
CHLORDANE *	0.01	PPM	0.1	ND
CHLORFENAPYR *	0.01	PPM	0.1	ND
CYFLUTHRIN *	0.01	PPM	1	ND
CYPERMETHRIN *	0.01	PPM	1	ND

Pesticides — PASSED

Analyzed by 585 , 1665
Weight 0.2011g
Extraction date 06/14/21 12:06:04
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 - DA027242PES , DA027225VOL
Reviewed On- 06/14/21 11:04:38
Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-001
Running On : 06/14/21 16:19:23 , 06/14/21 16:08:10
Batch Date : 06/14/21 09:50:13

Reagent	Dilution	Consums. ID
060121.R12 060121.R13 051721.R34 060921.R04 092820.59	25	6524407-03

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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Jorge Segredo
Lab Director

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

Signature

06/17/21
Signed On

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

Kaycha Labs

MUSCLE & JOINT PAIN RELIEF CREAM 350 MG CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Green Roads

601 Fairway Drive, 601 Fairway Drive
Deerfield Beach, Florida, 33441
Telephone: (954) 609-5537
Email: ashley@greenroads.com

Sample : DA10614002-001
Harvest/LOT ID: E14X02

Batch# : BMR0126/GRW0106
Sampled : 06/09/21
Ordered : 06/09/21

Sample Size Received : 30 gram
Total Weight/Volume : N/A
Completed : 06/17/21 **Expires:** 06/17/22
Sample Method : SOP Client Method

Residual Solvents — PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
METHANOL	25	ppm	250	PASS	<125.000
ETHANOL	500	ppm	5000	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	<250.000
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	ND
HEPTANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	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	0.024g	06/15/21 11:06:00	850

Analysis Method -SOP.T.40.032
Analytical Batch -DA027261SOL
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 06/14/21 15:58:21
Reviewed On - 06/15/21 13:29:47

Reagent	Dilution	Consums. ID
	1	00268767 R2017.217

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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DAVIE, FL, 33314, US

Kaycha Labs

MUSCLE & JOINT PAIN RELIEF CREAM 350 MG CBD
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

Green Roads

601 Fairway Drive, 601 Fairway Drive
Deerfield Beach, Florida, 33441
Telephone: (954) 609-5537
Email: ashley@greenroads.com

Sample : DA10614002-001
Harvest/LOT ID: E14X02
Batch# : BMR0126/GRW0106
Sampled : 06/09/21
Ordered : 06/09/21

Sample Size Received : 30 gram
Total Weight/Volume : N/A
Completed : 06/17/21 **Expires:** 06/17/22
Sample Method : SOP Client Method

Microbials PASSED

Analyte	LOD	Result	Action Level (cfu/g)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
PSEUDOMONAS_AERUGINOSA		not present in 1 gram.	
STAPHYLOCOCCUS_AUREUS		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	<10 CFU	100000

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA027220MIC , DA027223TYM Batch Date : 06/14/21, 06/14/21
Instrument Used : PathogenDx Scanner DA-111, PathogenDx Scanner DA-111
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1829, 513	1.0166g	06/14/21	513,

Reagent	Consums. ID	Consums. ID	Consums. ID	Consums. ID
060421.14	200103-274	200507119C	2804032	A16
021921.36	3110	914C4-914AK	2808009	A15
	TH093G	929C6-929H	2804029	2810031D
	918C4-918J	002005	2803035	044
	20324	2807015	D013	2811025
	012020	2809006	D012	

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 -DA027243MYC | Reviewed On - 06/15/21 10:26:37
Instrument Used :
Running On : 06/14/21 16:19:46
Batch Date : 06/14/21 09:52:59

Analyzed by	Weight	Extraction date	Extracted By
585	NA	06/14/21 04:06:54	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
060221.R29	061421.R01	100
051121.R20	061421.R02	
060221.R33	030420.08	
060221.R34	050121.01	
061421.R03		
060221.R28		

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	<0.100	3
CADMIUM	0.02	PPM	ND	
MERCURY	0.02	PPM	ND	55
LEAD	0.05	PPM	0.741	10

Analyzed by	Weight	Extraction date	Extracted By
1022	0.2503g	06/14/21 02:06:16	1879

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA027256HEA | Reviewed On - 06/15/21 16:32:40
Instrument Used : DA-ICPMS-003
Running On : 06/15/21 08:27:46
Batch Date : 06/14/21 12:45:51

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.

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