879 Federal Blvd
Denver, CO, 80204, US

Kaycha Labs

Muscle Freeze 3.25
N/A
Matrix: Infused

Certificate of Analysis

Sample:DE20707014-001
Harvest/Lot ID: 22186
Batch#: CO HEMP 22186
Seed to Sale# 1A4000B00010D25000001806
Batch Date: 07/05/22
Sample Size Received: 91 gram
Total Batch Size: N/A
Retail Product Size: 92.1 gram
Ordered : 07/07/22
Sampled : 07/07/22
Completed: 07/14/22
Sampling Method: N/A

Jul 14, 2022 | Mary's Nutritionals

License # 405R-00011
3251 North Revere Street Suite 200
Aurora, CO, 80239, US

PASSED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

Terpenes
NOT TESTED

Cannabinoid

PASSED

Total THC
ND
Total THC/Container : 0 mg

Total CBD
0.242%
Total CBD/Container : 222.882 mg

Total Cannabinoids
0.2656%
Total Cannabinoids/Container : 244.618 mg

	TOTAL THC	TOTAL CBD	TOTAL Δ9/Δ8-THC	TOTAL CANNABINOIDS	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	Δ9-THC	Δ8-THC	CBL	THCVA	CBC	Δ10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACE TATE
%	ND	0.242	ND	0.2656	ND	ND	0.0124	0.242	ND	0.0112	ND	ND	ND	ND	ND	ND	ND	ND	<0.00858582	ND	ND	ND	ND	ND	ND
mg/g	ND	2.42	ND	2.656	ND	ND	0.124	2.42	ND	0.112	ND	ND	ND	ND	ND	ND	ND	ND	<0.0858	ND	ND	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.01 %	0.001 %	0.001 %	0.0007 %	0.0021 %	0.0033 %	0.0012 %	0.002 %	0.0019 %	0.0018 %	0.004 %	0.014 %	0.0008 %	0.0026 %	0.0009 %	0.0007 %	0.0028 %	0.0005 %	0.0009 %	0.0004 %	0.0021 %	0.0011 %	0.0034 %

Analyzed by:
2229, 2319, 1642, 8

Weight:
1.0012g

Extraction date:
07/08/22 13:43:31

Extracted by:
2319

Analysis Method : SOP-020 (R15)
Analytical Batch : DE003621POT
Instrument Used : Agilent 1100 "Liger"
Running on : 07/08/22 14:37:24

Reviewed On : 07/11/22 13:51:41
Batch Date : 07/08/22 09:18:44

Dilution : 40
Reagent : 032422.R06; 070522.R11; 070622.R13; 070822.R14
Consumables : 00322643; 426852; 1154419; 0000164728; 304015242; 12211-108CC-108; 923C4-923AK; 5079-525C6-525E
Pipette : N/A

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

Label Claim - PASSED

Analyte	LOD	Units	Pass/Fail	Result	Analyte	LOD	Units	Pass/Fail	Result
TOTAL CBG	0.001	mg	TESTED	11.4204	TOTAL CBN	0.001	mg	TESTED	<0.003

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Dane Oberhill
Lab Director
State License # 405R-00011
405-00008
ISO Accreditation # 4331.01

Signature

07/14/22
Signed On

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Denver, CO, 80204, US

Kaycha Labs

Muscle Freeze 3.25
N/A
Matrix : Infused

Certificate of Analysis

PASSED

Mary's Nutritionals

3251 North Revere Street Suite 200
Aurora, CO, 80239, US
Telephone: 7207631044
Email: csullivan@dixieelixirs.com
License # : 405R-00011

Sample : DE20707014-001
Harvest/Lot ID: 22186
Batch# : CO HEMP 22186
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 91 gram
Total Batch Size : N/A
Completed : 07/14/22 **Expires:** 07/14/23
Sample Method : SOP-024

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
OTHER PESTICIDES	0.1	ppb	100	PASS	ND
SPINOSADS	0.0134	ppb	60	PASS	ND
TEBUCONAZOLE	0.01	ppb	10	PASS	ND
AVERMECTINS	0.0271	ppb	70	PASS	ND
AZOXYSTROBIN	0.014	ppb	20	PASS	ND
BIFENAZATE	0.011	ppb	20	PASS	ND
ETOXAZOLE	0.006	ppb	10	PASS	ND
IMAZALIL	0.064	ppb	40	PASS	ND
IMIDACLOPRID	0.007	ppb	20	PASS	ND
MALATHION	0.011	ppb	50	PASS	ND
MYCLOBUTANIL	0.013	ppb	40	PASS	ND
PERMETHRINS	0.0131	ppb	40	PASS	ND
SPIROMESIFEN	0.049	ppb	30	PASS	ND
SPIROTETRAMAT	0.03	ppb	20	PASS	ND

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
Analyzed by:	**Weight:**		**Extraction date:**		**Extracted by:**
2229, 1253, 2318, 7, 1642	0.1434g		N/A		N/A

Analysis Method : SOP-060 (R5)
Analytical Batch : DE003635PES
Instrument Used : Sciex 6500 Qtrap - Pesticides
Running on : 07/14/22 11:05:22
Reviewed On : 07/14/22 11:17:49
Batch Date : 07/12/22 10:44:52
Dilution : 25
Reagent : 071122.R06; 062822.R09; 070822.R23; 070822.R12; 070922.R03; 071322.R13
Consumables : 00322643; 1154419; 00322250; 040CB-040D; 304015242; 5079-525C6-525E
Pipette : N/A

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).

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Matrix : Infused

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Email: csullivan@dixieelixirs.com
License # : 405R-00011

Sample : DE20707014-001
Harvest/Lot ID: 22186
Batch# : CO HEMP 22186
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 91 gram
Total Batch Size : N/A
Completed : 07/14/22 **Expires:** 07/14/23
Sample Method : SOP-024

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.2142	ppm	1000	PASS	ND
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.4749	ppm	2	PASS	ND
METHANOL	1.2786	ppm	600	PASS	ND
HEPTANE	3.2594	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.1088	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.701	ppm	1000000	PASS	ND
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.5875	ppm	1000	PASS	ND
HEXANES	1.9279	ppm	60	PASS	ND

Analyzed by: N/A
Weight: N/A
Extraction date: N/A
Extracted by: N/A

Analysis Method : SOP-032 (R18)
Analytical Batch : DE003617SOL
Instrument Used : GC 5890
Running on : N/A

Reviewed On : 07/09/22 21:40:32
Batch Date : 07/07/22 12:15:45

Dilution : 1
Reagent : 070122.R06; 070122.R05
Consumables : 210316-361-B; 24160453; 33120320183106; 61653-121C6-121H
Pipette : N/A

Residual solvents screening is performed using GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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Matrix : Infused

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License # : 405R-00011

Sample : DE20707014-001
Harvest/Lot ID: 22186
Batch# : CO HEMP 22186
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 91 gram
Total Batch Size : N/A
Completed : 07/14/22 **Expires:** 07/14/23
Sample Method : SOP-024

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL YEAST AND MOLD	100	cfu/g	ND	PASS	10000
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC	1	CFU	ND	PASS	1
SALMONELLA SPECIES	1	CFU	ND	PASS	1
TOTAL AEROBIC	10	cfu/g	ND	PASS	10000
TOTAL COLIFORM	10	cfu/g	ND	PASS	100

Analyzed by: 2229, 2265, 5, 1473 **Weight:** 9.11g **Extraction date:** 07/08/22 18:29:58 **Extracted by:** 2265

Analysis Method : SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch : DE003616MIC
Instrument Used : Microbial - Full Panel
Running on : 07/08/22 18:30:23
Reviewed On : 07/12/22 10:41:22
Batch Date : 07/07/22 10:32:37

Dilution : N/A
Reagent : 062122.R11; 070622.R04; 062722.R06; 070522.R13; 062322.R04; 063022.R05; 032322.R01; 070722.R06; 062722.R10; 051722.01; 060222.11; 062322.01; 052322.02; 050922.01; 030322.06; 120921.03; 070722.R01; 070722.01; 070622.R11; 070722.R09; 060822.02; 032922.01
Consumables : 0000003320; 1; 2; 12265-115CC-115; NT10-1212; 20/08/30; 00107; 01859; CH_2147106; 0000004771
Pipette : N/A

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXINS		ppb			20
AFLATOXIN B1	1.327	ppb	ND	PASS	20
AFLATOXIN B2	0.09	ppb	ND	PASS	20
AFLATOXIN G1	0.18	ppb	ND	PASS	20
AFLATOXIN G2	0.303	ppb	ND	PASS	20
OCHRATOXIN A+	0.049	ppb	ND	PASS	20

Analyzed by: 2229, 2318, 7, 1642, 8 **Weight:** 0.1434g **Extraction date:** 07/12/22 09:55:59 **Extracted by:** 7

Analysis Method : SOP-060 (R5)
Analytical Batch : DE003628MYC
Instrument Used : Sciex 6500 Qtrap - Mycotoxins
Running on : 07/12/22 08:29:38
Reviewed On : 07/13/22 12:52:00
Batch Date : 07/11/22 11:51:48

Dilution : 25
Reagent : 071122.R06; 062822.R09; 060322.R11; 070822.R23; 070922.R03
Consumables : 00322643; 1154419; 00322250; 040CB-040D; 304015242; 5079-525C6-525E
Pipette : N/A

Aflatoxins B1, B2, G1, G2, and Ochratoxin A testing using LC-MS via SOP-060 (R5). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be < 20µg/Kg. Ochratoxins must be < 5µg/Kg.

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.002	ppm	ND	PASS	1.5
CADMIUM	0.001	ppm	ND	PASS	0.5
MERCURY	0.003	ppm	ND	PASS	1
LEAD	0.01	ppm	ND	PASS	1

Analyzed by: 2229, 666, 2 **Weight:** 0.2134g **Extraction date:** 07/11/22 10:27:32 **Extracted by:** 666

Analysis Method : SOP-050 (R5)
Analytical Batch : DE003619HEA
Instrument Used : Shimadzu 2030 ICP-MS
Running on : N/A
Reviewed On : 07/12/22 09:13:24
Batch Date : 07/07/22 14:05:39

Dilution : 50
Reagent : 082721.13; 062121.04; 070622.R01; 070522.01; 070722.R08; 070722.R07
Consumables : 210316-361-B; 114CB--114E; 12495-210CC-210; 234422
Pipette : N/A

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).

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