10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Kaycha Labs

Fire & Ice Balm
N/A
Matrix: Edible

Certificate of Analysis

Sample:KN10713009-012
Harvest/Lot ID: 1
Seed to Sale# N/A
Batch Date: 07/08/21
Batch#: B14505
Sample Size Received: 75 ml
Total Weight/Volume: N/A
Retail Product Size: 75 ml
Ordered : 07/08/21
sampled : 07/08/21
Completed: 07/20/21 Expires: 07/20/22
Sampling Method: SOP Client Method

Jul 20, 2021 | BATCH

N63W22595 Main St
Sussex, WI, 53089, US

BATCH
BY WISCONSIN HEMP SCIENTIFIC

TESTED

PRODUCT IMAGE

SAFETY RESULTS

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

MISC.

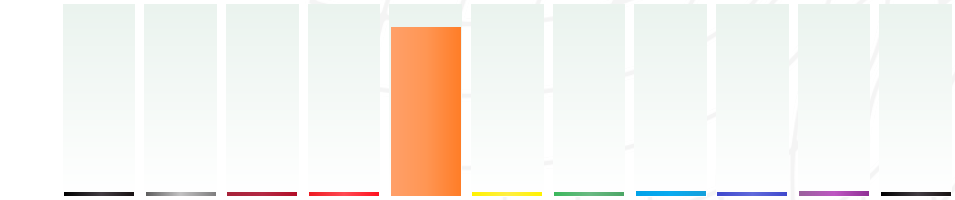
Terpenes
NOT TESTED

CANNABINOID RESULTS

Total THC
0.081%

Total CBD
3.248%

Total Cannabinoids
3.489%



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.0140	<0.010	<0.010	0.0470	3.2480	<0.010	<0.010	0.0810	ND	0.0960	<0.010
mg/g	0.1400	<0.010	<0.010	0.4700	32.4790	<0.010	<0.010	0.8100	ND	0.9600	<0.010
LOD	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2151g	07/13/21 02:07:07	946

Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Reviewed On - 07/14/21 11:56:01

Batch Date : 07/13/21 10:24:11

Analytical Batch -KN001100POT **Instrument Used :** HPLC E-SHI-008 **Running On :**

Reagent	Dilution	Consums. ID
120320.R02	40	947B9291.271
070821.R01		200331059
071421.R01		

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.). *Based on FL action limits.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

07/20/21
Signed On

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DEA Number: RK0595249

Kaycha Labs
Fire & Ice Balm
N/A
Matrix : Edible

Certificate of Analysis

TESTED

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Sample : KN10713009-012
Harvest/LOT ID: 1
Batch# : B14505
Sampled : 07/08/21
Ordered : 07/08/21

Sample Size Received : 75 ml
Total Weight/Volume : N/A
Completed : 07/20/21 **Expires:** 07/20/22
Sample Method : SOP Client Method

Pesticides

TESTED

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	0.01	ppm	0.5	ND
CARBOFURAN	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	0.101
CLOFENTEZINE	0.01	ppm	0.5	ND
COUMAPHOS	0.01	ppm	0.1	ND
CYPERMETHRIN	0.01	ppm	1	ND
DAMINOZIDE	0.01	ppm	0.1	ND
DIAZANON	0.01	ppm	0.2	ND
DICHLORVOS	0.01	ppm	0.1	ND
DIMETHOATE	0.01	ppm	0.1	ND
DIMETHOMORPH	0.01	ppm	3	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	0.01	ppm	3	ND
KRESOXIM-METHYL	0.01	ppm	1	ND
MALATHION	0.01	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	0.01	ppm	0.5	ND
OXAMYL	0.01	ppm	0.5	ND
PACLOBUTRAZOL	0.01	ppm	0.1	ND
PERMETHRINS	0.01	ppm	1	ND
PHOSMET	0.01	ppm	0.2	ND

Pesticides	LOD	Units	Action Level	Result
PIPERONYL BUTOXIDE	0.01	ppm	3	ND
PRALLETHRIN	0.01	ppm	0.4	ND
PROPICONAZOLE	0.01	ppm	1	ND
PROPOXUR	0.01	ppm	0.1	ND
PYRETHRINS	0.01	ppm	1	ND
PYRIDABEN	0.01	ppm	3	ND
SPINETORAM	0.01	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	0.01	ppm	1	ND
TOTAL SPINOSAD	0.01	ppm	3	ND
TRIFLOXYSTROBIN	0.01	ppm	3	ND

Pesticides — TESTED

Analyzed by
143

Weight
1.0483g

Extraction date
07/19/21 09:07:04

Extracted By
143

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
Analytical Batch - KN001104PES
Instrument Used : E-SHI-125 Pesticides
Running On : 07/13/21 16:52:29
Batch Date : 07/13/21 13:41:58

Reagent	Dilution	Consums. ID
112420.03 060221.R02 061421.R14 071921.R31 071921.R32	10	200618634 947B9291.217

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). Analytes ISO pending. *Based on FL action limits. *

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

07/20/21
Signed On

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DEA Number: RK0595249

Kaycha Labs

Fire & Ice Balm
N/A
Matrix : Edible

Certificate of Analysis

TESTED

Sample : KN10713009-012
Harvest/LOT ID: 1

N63W22595 Main St
Sussex, WI, 53089, US
Telephone: (262) 364-6940
Email: griff@hellobatch.com

Batch# : B14505
Sampled : 07/08/21
Ordered : 07/08/21

Sample Size Received : 75 ml
Total Weight/Volume : N/A
Completed : 07/20/21 **Expires:** 07/20/22
Sample Method : SOP Client Method

Microbials — NOT TESTED

Analyte	LOD	Result
TOTAL YEAST AND MOLD	10	<100 CFU

Analysis Method -SOP.T.40.043
Analytical Batch - KN001102TYM Batch Date : 07/13/21
Instrument Used : Micro E-HEW-069
Running On : 07/13/21

Analyzed by	Weight	Extraction date	Extracted By
142			

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.

Heavy Metals — PASSED

Reagent	Dilution	Consums. ID
060221.R29 052021.R19 040521.R03 040521.R04	50	7226/0030021 210117060

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC-AS	0.02	ppm	ND	1.5
CADMIUM-CD	0.02	ppm	ND	0.5
MERCURY-HG	0.02	ppm	ND	3
LEAD-PB	0.02	ppm	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
12	0.2736g	07/14/21 10:07:31	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001103HEA | Reviewed On - 07/14/21 17:34:30
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 07/13/21 13:13:51

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. Analytes ISO Pending. *Based on FL action limits.

Sue Ferguson
Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

07/20/21
Signed On