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

Kaycha Labs
CALM Tincture for Horses
N/A
Matrix: Derivative

Certificate of Analysis

Sample:KN20721005-001
Harvest/Lot ID: 040122
Batch#: 040122
Seed to Sale# N/A
Batch Date: N/A
Sample Size Received: 118 ml
Total Batch Size: N/A
Retail Product Size: 118 ml
Ordered : 07/07/22
Sampled : 07/07/22
Completed: 07/29/22
Sampling Method: N/A

Jul 29, 2022 | cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US

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
TESTED

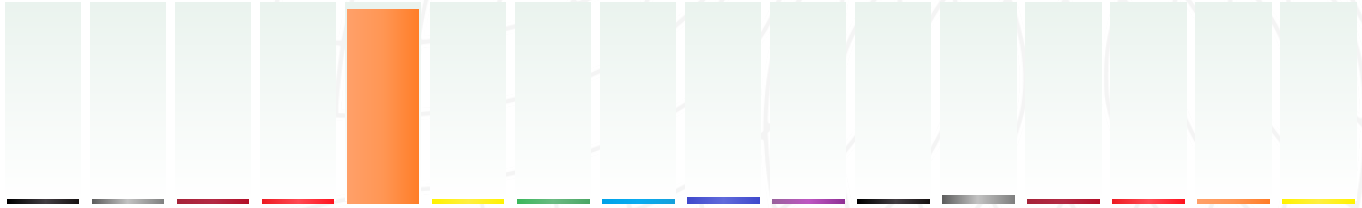
Cannabinoid

PASSED

Total THC
0.1449%
Total THC/Bottle : 164.143 mg

Total CBD
5.4941%
Total CBD/Bottle : 6223.716 mg

Total Cannabinoids
6.1414%
Total Cannabinoids/Bottle : 6956.978 mg



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.039	<0.01	<0.01	0.1239	5.4941	0.0101	0.0633	0.0281	0.1449	ND	ND	0.238	<0.01	ND	ND	ND
mg/ml	0.3744	<0.096	<0.096	1.1894	52.7433	0.0969	0.6076	0.2697	1.391	ND	ND	2.2848	<0.096	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.002 %	0.002 %

Analyzed by: 2368, 2692
Weight: 111g
Extraction date: N/A
Extracted by: N/A

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.
Analytical Batch : KN002681POT
Instrument Used : HPLC E-SHI-008
Running on : N/A
Reviewed On : 07/26/22 13:10:01
Batch Date : 07/21/22 09:04:35

Dilution : N/A
Reagent : 081321.R04; 071322.R01; 063022.R02
Consumables : 947B9291.271; 200331059
Pipette : E-GIL-011; E-GIL-013

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN 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

07/29/22
Signed On

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

Kaycha Labs

CALM Tincture for Horses
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US
Telephone: (786) 314-9092
Email: joe@cbddoghealth.com

Sample : KN20721005-001
Harvest/Lot ID: 040122
Batch# : 040122
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 118 ml
Total Batch Size : N/A
Completed : 07/29/22 **Expires:** 07/29/23
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOD (%)	mg/ml	%	Result (%)
TRANS-CARYOPHYLLENE	0.007	1.0646	0.1109	
GUAIOL	0.007	0.2496	0.026	
LIMONENE	0.007	0.1996	0.0208	
LINALOOL	0.007	7.4793	0.7791	
NEROL	0.007	0.3609	0.0376	
ALPHA-PHELLANDRENE	0.007	ND	ND	
PULEGONE	0.007	ND	ND	
SABINENE	0.007	ND	ND	
SABINENE HYDRATE	0.007	ND	ND	
TERPINOLENE	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
TRANS-NEROLIDOL	0.007	0.2054	0.0214	
VALENCENE	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	<0.192	<0.02	
ALPHA-PINENE	0.007	<0.192	<0.02	
ALPHA-TERPINENE	0.007	ND	ND	
BETA-MYRCENE	0.007	0.3475	0.0362	
BETA-PINENE	0.007	<0.192	<0.02	
BORNEOL	0.013	<0.384	<0.04	
CAMPHENE	0.007	<0.192	<0.02	
CAMPHOR	0.013	ND	ND	
CARYOPHYLLENE OXIDE	0.007	0.5395	0.0562	
CEDROL	0.007	ND	ND	
ALPHA-BISABOLOL	0.007	0.67	0.0698	
ALPHA-CEDRENE	0.007	ND	ND	
CIS-NEROLIDOL	0.007	ND	ND	
3-CARENE	0.007	<0.192	<0.02	
FENCHYL ALCOHOL	0.007	ND	ND	
HEXAHYDROTHYMOL	0.007	ND	ND	
EUCALYPTOL	0.007	0.3331	0.0347	
Total (%)			**1.1927**	

Terpenes	LOD (%)	mg/ml	%	Result (%)
ISOBORNEOL	0.007	ND	ND	
FENCHONE	0.007	ND	ND	
GAMMA-TERPINENE	0.007	<0.192	<0.02	
GERANIOL	0.007	ND	ND	

Analyzed by: 2368, 138, 12
Weight: 1.0117g
Extraction date: 07/21/22 11:41:44
Extracted by: 138

Analysis Method : SOP.T.40.090
Analytical Batch : KN002682TER
Instrument Used : E-SHI-109 Terpenes
Running on : N/A

Reviewed On : 07/26/22 14:14:26
Batch Date : 07/21/22 10:27:51

Dilution : 10
Reagent : 121421.07; 092221.02
Consumables : 294108110; n/a; 211214634-D; 947B9291.271
Pipette : N/A

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.090 Terpenoid Analysis Via GC-MS. Analytes ISO Pending

Sue Ferguson
Lab Director

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

Signature

07/29/22
Signed On

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

Kaycha Labs

CALM Tincture for Horses
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US
Telephone: (786) 314-9092
Email: joe@cbddoghealth.com

Sample : KN20721005-001
Harvest/Lot ID: 040122
Batch# : 040122
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 118 ml
Total Batch Size : N/A
Completed : 07/29/22 **Expires:** 07/29/23
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
CYPERMETHRIN	0.01	ppm	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZANON	0.01	ppm	0.2	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
DIMETHOMORPH	0.01	ppm	3	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND
ETOXAZOLE	0.01	ppm	1.5	PASS	ND
FENHEXAMID	0.01	ppm	3	PASS	ND
FENOXYCARB	0.01	ppm	0.1	PASS	ND
FENPYROXIMATE	0.01	ppm	2	PASS	ND
FIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	2	PASS	ND
FLUDIOXONIL	0.01	ppm	3	PASS	ND
HEXYTHIAZOX	0.01	ppm	2	PASS	ND
IMAZALIL	0.01	ppm	0.1	PASS	ND
IMIDACLOPRID	0.01	ppm	3	PASS	ND
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND
MALATHION	0.01	ppm	2	PASS	ND
METALAXYL	0.01	ppm	3	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	3	PASS	ND
NALED	0.01	ppm	0.5	PASS	ND
OXAMYL	0.01	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PERMETHRINS	0.01	ppm	1	PASS	ND
PHOSMET	0.01	ppm	0.2	PASS	ND
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
PRALLETHRIN	0.01	ppm	0.4	PASS	ND
PROPICONAZOLE	0.01	ppm	1	PASS	ND
PROPOXUR	0.01	ppm	0.1	PASS	ND
PYRETHRINS	0.01	ppm	1	PASS	ND
PYRIDABEN	0.01	ppm	3	PASS	ND
SPINETORAM	0.01	ppm	3	PASS	ND
SPIROMESIFEN	0.01	ppm	3	PASS	ND
SPIROTETRAMAT	0.01	ppm	3	PASS	ND
SPIROXAMINE	0.01	ppm	0.1	PASS	ND
TEBUCONAZOLE	0.01	ppm	1	PASS	ND
THIACLOPRID	0.01	ppm	0.1	PASS	ND
THIAMETHOXAM	0.01	ppm	1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND

Analyzed by: 12 | **Weight:** 0.2075g | **Extraction date:** 07/29/22 10:31:38 | **Extracted by:** 12

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : KN002713PES
Instrument Used : N/A
Running on : N/A
Reviewed On : 07/29/22 14:19:52
Batch Date : 07/29/22 10:05:05
Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.

Sue Ferguson
Lab Director

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

Signature

07/29/22
Signed On

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

Kaycha Labs
CALM Tincture for Horses
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US
Telephone: (786) 314-9092
Email: joe@cbddoghealth.com

Sample : KN20721005-001
Harvest/Lot ID: 040122
Batch# : 040122
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 118 ml
Total Batch Size : N/A
Completed : 07/29/22 **Expires:** 07/29/23
Sample Method : SOP Client Method

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

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

Analysis Method : SOP.T.40.032
Analytical Batch : KN002687SOL
Instrument Used : E-SHI-106 Residual Solvents
Running on : N/A

Reviewed On : 07/26/22 14:14:07
Batch Date : 07/22/22 09:06:25

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). *Based on FL action limits.

Sue Ferguson
Lab Director
State License # n/a
ISO Accreditation # 17025:2017

Signature

07/29/22
Signed On

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

Kaycha Labs

CALM Tincture for Horses
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US
Telephone: (786) 314-9092
Email: joe@cbddoghealth.com

Sample : KN20721005-001
Harvest/Lot ID: 040122
Batch# : 040122
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 118 ml
Total Batch Size : N/A
Completed : 07/29/22 **Expires:** 07/29/23
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
LISTERIA MONOCYTOGENE			Not Present	PASS	
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	

Analyzed by: 1692, 12 **Weight:** 1.0045g **Extraction date:** 07/21/22 09:30:57 **Extracted by:** 1692

Analysis Method : SOP.T.40.043
Analytical Batch : KN002678MIC
Instrument Used : Micro E-HEW-069
Running on : 07/21/22 12:12:58
Reviewed On : 07/26/22 14:14:43
Batch Date : 07/20/22 11:40:19

Dilution : N/A
Reagent : 070122.02; 062222.01; 122021.05
Consumables : P7530724
Pipette : N/A

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	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02

Analyzed by: 2368, 12 **Weight:** 0.2075g **Extraction date:** 07/29/22 10:45:04 **Extracted by:** 12

Analysis Method : SOP.T.30.060, SOP.T.40.060
Analytical Batch : KN002695MYC
Instrument Used : N/A
Running on : N/A
Reviewed On : 07/25/22 18:12:31
Batch Date : 07/25/22 18:06:30

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). *Based on FL action limits.

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5

Analyzed by: 2368, 138, 12 **Weight:** 0.2606g **Extraction date:** 07/22/22 14:47:17 **Extracted by:** 138

Analysis Method : SOP.T.40.050, SOP.T.30.052
Analytical Batch : KN002688HEA
Instrument Used : Metals ICP/MS
Running on : N/A
Reviewed On : 07/22/22 18:08:36
Batch Date : 07/22/22 09:54:31

Dilution : 50
Reagent : N/A
Consumables : N/A
Pipette : N/A

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma – Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

Sue Ferguson
Lab Director

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

Signature

07/29/22
Signed On

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

Kaycha Labs

CALM Tincture for Horses
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US
Telephone: (786) 314-9092
Email: joe@cbddoghealth.com

Sample : KN20721005-001
Harvest/Lot ID: 040122
Batch# : 040122
Sampled : 07/07/22
Ordered : 07/07/22

Sample Size Received : 118 ml
Total Batch Size : N/A
Completed : 07/29/22 **Expires:** 07/29/23
Sample Method : SOP Client Method

Filth/Foreign Material — PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by:	Weight:	Extraction date:	Extracted by:
2368, 1692	0.5991g	07/21/22 09:31:50	1692

Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN002680FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 07/21/22 09:44:18
Batch Date : 07/21/22 09:02:40

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

Sue Ferguson
Lab Director

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

Signature

07/29/22
Signed On