



# Certificate of Analysis

Mar 17, 2022 | cbd dog health

163 Carts Lake Lane  
Lutz, FL, 33548, US

Sample:KN20314005-001

Harvest/Lot ID: 010122

Batch#: 010122

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 60 ml

Total Weight/Volume: N/A

Retail Product Size: 30 ml

ordered : 02/01/22

sampled : 02/01/22

Completed: 03/17/22 Expires: 03/17/23

Sampling Method: SOP Client Method

**PASSED**

Page 1 of 5

PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filth  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.

CANNABINOID RESULTS



**Total THC**  
**0.027%**

Total THC/container : 15.552 mg



**Total CBD**  
**1.202%**

Total CBD/container : 692.352 mg



**Total Cannabinoids**  
**1.337%**

Total Cannabinoids/container : 770.112 mg



	Filth	<b>PASSED</b>
Analyzed By	0.5183g	03/14/22
Weight	LOQ	Pass/Fail
1	ND	Result
Analyte	ND	ND
Filth and Foreign Material	ND	ND
Analysis Method >SOP.T.40.013	ND	ND
Batch Date : 03/14/22 08:52:00		
Reviewed On - 03/14/22 08:52:49		
Analytical Batch -KN00209297IL		
Instrument Used : E-AMS-138 Microscope		
Running On :		

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2713 Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analyzed by: 0.2143g  
Weight: 0.2143g  
Extraction date : 03/14/22 11:03:33

Reviewed On : 03/15/22  
08:43:03

Extracted By : 113

Batch Date : 03/14/22 08:37:58

1 Analysis Method -Expanded Measurement of Uncertainty: Flower Matrix: 48-THC:12.7%, THCa: 9.5%, TOTAL THC 11. 1%. These uncertainties represent an expanded uncertainty expressed as approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch -KN002093POT Instrument Used : HPLC E-SH-008 Running On :

Dilution : 40

Resagent : 091321.R04, 091422.R01, 020322.R02

Consumables : 947.251, 12123-046CC-046

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.40.031 for analysis). \*Based on FL action limits.

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**Sue Ferguson**

Lab Director

State License # n/a

ISO Accreditation # 17025:2017

03/17/22

Signed On



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

Kaycha Labs

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CALM Tincture

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 : KN20314005-001

Harvest/Lot ID: 010122

Batch# : 010122

Sampled : 02/01/22

Ordered : 02/01/22

Sample Size Received : 60 ml

Total Weight/Volume : N/A

Completed : 03/17/22 Expires: 03/17/23

Sample Method : SOP Client Method

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## Terpenes

TESTED

Terpenes	LOD(%)	mg/ml	%	Result (%)
TRANS-CARYOPHYLLENE	0.007	ND	ND	
GUAIOL	0.007	<0.2	<0.02	
LIMONENE	0.007	ND	ND	
LINALOOL	0.007	ND	ND	
NEROL	0.007	ND	ND	
OCIMENE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND	
PULEGONE	0.007	ND	ND	
SABINENE	0.007	ND	ND	
SABINENE HYDRATE	0.007	ND	ND	
TERPINEOL	0.007	ND	ND	
TERPINOLENE	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND	
TRANS-NEROLIDOL	0.007	ND	ND	
VALENCENE	0.007	ND	ND	
ISOPULEGOL	0.007	ND	ND	
ALPHA-HUMULENE	0.007	ND	ND	
ALPHA-PINENE	0.007	ND	ND	
ALPHA-TERPINENE	0.007	ND	ND	
BETA-MYRCENE	0.007	ND	ND	
BETA-PINENE	0.007	ND	ND	
BORNEOL	0.013	ND	ND	
CAMPHENENE	0.007	ND	ND	
CAMPHOR	0.013	ND	ND	
CARYOPHYLLENE OXIDE	0.007	ND	ND	
CEDROL	0.007	ND	ND	
ALPHA-BISABOLOL	0.007	<0.2	<0.02	
ALPHA-CEDRENE	0.007	ND	ND	
CIS-NEROLIDOL	0.007	ND	ND	
3-CARENE	0.007	ND	ND	
FENCHYL ALCOHOL	0.007	ND	ND	

Terpenes	LOD(%)	mg/ml	%	Result (%)
HEXAHYDROTHYMOL	0.007	ND	ND	
EUCALYPTOL	0.007	ND	ND	
ISOBORNEOL	0.007	ND	ND	
FARNESENE	0.007	ND	ND	
FENCHONE	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND	
GERANIOL	0.007	ND	ND	

Terpenes	TESTED
Analyzed by	1
Weight	1.0034g
Extraction date	03/16/22 04:03:35
Extracted By	138
Analysis Method	- SOP.T.40.090
Analytical Batch	- KNO02107TER
Instrument Used	: E-SHI-109 Terpenes
Running On :	
Batch Date	: 03/15/22 12:38:03
Dilution :	10
Reagent :	
Consumables :	
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	
Reviewed On	- 03/17/22 08:44:05

Total (%)

0

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Sue Ferguson

Lab Director

State License # n/a

ISO Accreditation # 17025:2017

03/17/22

Signature

Signed On



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

Kaycha Labs

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CALM Tincture

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 : KN20314005-001

Harvest/Lot ID: 010122

Batch# : 010122

Sampled : 02/01/22

Ordered : 02/01/22

Sample Size Received : 60 ml

Total Weight/Volume : N/A

Completed : 03/17/22 Expires: 03/17/23

Sample Method : SOP Client Method

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PASSED



## Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	Pesticides	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	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						
ETOGENPROX	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						

## Pesticides

PASSED

Analyzed by 143 Weight 0.5164g Extraction date 03/14/22 11:03:14  
Reviewed On : 03/15/22 08:57:26  
Analysis Method - SOP.T.30.060, SOP.T.40.060,  
Instrument Used : E-SHI-125 Pesticides  
Running On : 03/14/22 16:36:52  
Batch Date : 03/14/22 11:00:11  
Dilution : 10  
Reagent : 030922.R30; 110521.03; 022322.R02; 031022.R01; 022822.R01; 031022.R02  
Consumables : 210419634; 947.251  
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.T.40.065 Procedure for Pesticide Quantification Using LCMSMS). \*Based on FL action limits. \*

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Sue Ferguson

Lab Director

State License # n/a

ISO Accreditation # 17025:2017

03/17/22

Signature

Signed On



# Certificate of Analysis

**PASSED**
**cbd dog health**

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

**Sample : KN20314005-001**
**Harvest/Lot ID: 010122**
**Batch# : 010122**
**Sampled : 02/01/22**
**Ordered : 02/01/22**
**Sample Size Received : 60 ml**
**Total Weight/Volume : N/A**
**Completed : 03/17/22 Expires: 03/17/23**
**Sample Method : SOP Client Method**
**Page 4 of 5**


## Residual Solvents

**PASSED**

Solvent	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 XYLEMES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND



## Residual Solvents

**PASSED**

Analyzed by	Weight	Extraction date	Extracted By
1	0.02055g	03/15/22 11:03:39	138

**Analysis Method -SOP.T.40.032**
**Analytical Batch -KN002096SOL**
**Instrument Used : E-SHI-106 Residual Solvents**
**Running On :**
**Batch Date : 03/14/22 09:21:03**
**Reviewed On - 03/16/22 13:45:39**
**Dilution : 1**
**Reagent :**
**Consumables : R2017.099; G201.120**

Residual solvents screening 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). Analytes ISO pending. \*Based on FL action limits.

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**Sue Ferguson**

Lab Director

State License # n/a

ISO Accreditation # 17025:2017

03/17/22



Signature

Signed On



# Certificate of Analysis

PASSED

cbd dog health

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

Sample : KN20314005-001

Harvest/Lot ID: 010122

Batch# : 010122

Sampled : 02/01/22

Ordered : 02/01/22

Sample Size Received : 60 ml

Total Weight/Volume : N/A

Completed : 03/17/22 Expires: 03/17/23

Sample Method : SOP Client Method

Page 5 of 5

Microbials				Mycotoxins					PASSED
Analyte	LOD	Result	Pass / Fail	Analyte	LOD	Units	Result	Pass / Fail	Action Level
LISTERIA MONOCYTOGENE	2000	ND	PASS	AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP	1726	ND	PASS	AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE	10000	ND	PASS	AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS	10000	ND	PASS	AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS	10000	ND	PASS	OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER	10000	ND	PASS	TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	
ASPERGILLUS TERREUS	10000	ND	PASS						

Analysis Method -SOP.T.40.043

Analytical Batch -KN002089MIC Batch Date : 03/11/22 12:24:10

Instrument Used : Micro E-HEW-069

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1692	1.0055g	03/14/22 08:03:16	1692

Dilution : 1

Reagent :

Consumables :

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				
Analyte	LOD	Units	Result	Pass / Fail
AFLATOXIN G2	0.002	ppm	ND	PASS
AFLATOXIN G1	0.002	ppm	ND	PASS
AFLATOXIN B2	0.002	ppm	ND	PASS
AFLATOXIN B1	0.002	ppm	ND	PASS
OCHRATOXIN A+	0.002	ppm	ND	PASS
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS

Analysis Method -SOP.T.30.060, SOP.T.40.060  
Analytical Batch -KN002100MYC | Reviewed On - 03/15/22 09:04:46  
Instrument Used : E-SHI-125 Mycotoxins  
Running On : 03/14/22 16:37:21 | Batch Date : 03/14/22 11:01:49

Analyzed by	Weight	Extraction date	Extracted By
143	0.5164g	03/14/22 11:03:00	143

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 (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg. Analytes ISO pending.  
\*Based on FL action limits.

Heavy Metals				
Metal	LOD	Unit	Result	Pass / Fail
ARSENIC-AS	0.02	ppm	ND	PASS
CADMIUM-CD	0.02	ppm	ND	PASS
MERCURY-HG	0.02	ppm	ND	PASS
LEAD-PB	0.02	ppm	ND	PASS

Analyzed by 1  
Weight 0.2686g  
Extraction date 03/16/22 04:03:16  
Extracted By 12

Heavy Metals				
Metal	LOD	Unit	Result	Pass / Fail
ARSENIC-AS	0.02	ppm	ND	PASS
CADMIUM-CD	0.02	ppm	ND	PASS
MERCURY-HG	0.02	ppm	ND	PASS
LEAD-PB	0.02	ppm	ND	PASS

Dilution : 50  
Reagent : 121421.03; 011022.R08; 020422.R07; 011022.R07  
Consumables : 107702-05-081520; 12235-110CD-110C  
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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Sue Ferguson

Lab Director

State License # n/a

ISO Accreditation # 17025:2017

03/17/22

  
Signature

Signed On