



Certificate of Analysis

Sample:KN20303002-002

Harvest/Lot ID: 060122

Batch#: 060122

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 118 ml

Total Weight/Volume: N/A

Retail Product Size: 118 ml

ordered : 01/17/22

sampld : 01/17/22

Completed: 03/10/22 Expires: 03/10/23

Sampling Method: SOP Client Method

PASSED

Page 1 of 5

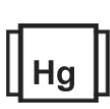
Mar 10, 2022 | cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US

PRODUCT IMAGE SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.207%

Total THC/Bottle : 234.49 mg



Total CBD
9.634%

Total CBD/Bottle : 10913.395 mg



Total Cannabinoids
10.35%

Total Cannabinoids/Bottle :
11724.48 mg



Filtration PASSED

Analyzed By: 1
Analyze: 0.5371g
Filtration and Foreign Material: 0.3
Analysis Method: -SOP-T-40.013
Analytical Batch: -KN002042FIL
Running On: 12123-046CC-046

Extraction date: 03/03/22
LOD: 0.3
Batch Date: 03/03/22 09:29:13
Reviewed On: 03/03/22 10:15:41

Extracted By: 1692
Result: NO

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A 5W-2113 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by: 1
Weight: 0.2096g
Extraction date: 03/10/22 10:03:06
Extracted By: 113
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: 03/10/22 10:29:03
Batch Date: 03/10/22 10:10:50
Analytical Batch: -KN002042POT Instrument Used: HPLC E-516-008 Running On: 12123-046CC-046

Reagent Dilution Consumables ID

081321.R04
030922.R13
030222.R02

40 947.251
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

Sue Ferguson
Signature

03/10/22

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 : KN20303002-002
Harvest/Lot ID: 060122

Batch# : 060122
Sampled : 01/17/22
Ordered : 01/17/22

Sample Size Received : 118 ml
Total Weight/Volume : N/A
Completed : 03/10/22 Expires: 03/10/23
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD(%) mg/ml	%	Result (%)
TRANS-CARYOPHYLLENE	0.007	< 0.2	< 0.02
GUAIOL	0.007	0.23	0.024
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	< 0.2	< 0.02
VALENCENE	0.007	ND	ND
ISOPULEGOL	0.007	ND	ND
ALPHA-HUMULENE	0.007	< 0.2	< 0.02
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
CAMPENE	0.007	ND	ND
CAMPHOR	0.013	ND	ND
CARYOPHYLLENE OXIDE	0.007	0.355	0.037
CEDROL	0.007	ND	ND
ALPHA-BISABOLOL	0.007	0.787	0.082
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 1.0006g Extraction date 03/04/22 03:03:16 Extracted By 138

Analysis Method - SOP.T.40.090
Analytical Batch - KN002041TER
Instrument Used : E-SHI-109 Terpenes
Running On :
Batch Date : 03/03/22 09:08:19

Reviewed On - 03/08/22 12:52:01

Reagent Dilution Consums. ID
10

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

Total (%) 0.143



Certificate of Analysis

PASSED

cbd dog health

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

 Sample : KN20303002-002
 Harvest/Lot ID: 060122

 Batch# : 060122
 Sampled : 01/17/22
 Ordered : 01/17/22

 Sample Size Received : 118 ml
 Total Weight/Volume : N/A
 Completed : 03/10/22 Expires: 03/10/23
 Sample Method : SOP Client Method

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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						
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						



Pesticides

PASSED

Analyzed by 1	Weight 0.5123g	Extraction date 03/03/22 11:03:47	Extracted By 143
Analysis Method - SOP.T.30.060, SOP.T.40.060,		Reviewed On -	
Analytical Batch - KN002044PES		03/03/22 10:15:41	
Instrument Used : E-SHI-125 Pesticides		Batch Date : 03/03/22 10:14:07	
Running On : 03/03/22 11:18:03			
Reagent 020322.R13	Dilution 10	Consumables ID	
110521.03		210419634	
022322.R02		947.251	
030222.R19			
022822.R01			
020922.R08			

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. *



Certificate of Analysis

PASSED

cbd dog health

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

 Sample : KN20303002-002
 Harvest/Lot ID: 060122

 Batch# : 060122
 Sampled : 01/17/22
 Ordered : 01/17/22

 Sample Size Received : 118 ml
 Total Weight/Volume : N/A
 Completed : 03/10/22 Expires: 03/10/23
 Sample Method : SOP Client Method

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



Residual Solvents

PASSED

Analyzed by 1	Weight 0.02281g	Extraction date 03/07/22 12:03:25	Extracted By 138
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Analysis Method -SOP.T.40.032

Analytical Batch -KN002050SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On :

Batch Date : 03/04/22 11:26:41

Reviewed On - 03/08/22 08:49:13

Reagent	Dilution	Consumables ID
	1	

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.



Certificate of Analysis

PASSED

cbd dog health

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

 Sample : KN20303002-002
 Harvest/Lot ID: 060122

 Batch# : 060122
 Sampled : 01/17/22
 Ordered : 01/17/22

 Sample Size Received : 118 ml
 Total Weight/Volume : N/A
 Completed : 03/10/22 Expires: 03/10/23
 Sample Method : SOP Client Method

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	Microbials	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Result	Pass / Fail	Analyte	LOD	Units	Result	Pass / Fail	Action Level
LISTERIA MONOCYTOGENE	2000	not present in 1 gram.	PASS	AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP	1726	not present in 1 gram.	PASS	AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE	10000	not present in 1 gram.	PASS	AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS	10000	not present in 1 gram.	PASS	AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS	10000	not present in 1 gram.	PASS	OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER	10000	not present in 1 gram.	PASS	TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	
ASPERGILLUS TERREUS	10000	not present in 1 gram.	PASS						

Analysis Method -SOP.T.40.043

Analytical Batch -KN002046MIC Batch Date : 03/03/22 12:24:53

Instrument Used : Micro E-HEW-069

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1	1.0115g	NA	NA

Reagent	Dilution
021522.01	1
030121.01	
121721.03	

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.

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -KN002045MYC | Reviewed On - 03/07/22 09:00:55

Instrument Used : E-SHI-125 Mycotoxins

Running On : 03/03/22 11:18:11 | Batch Date : 03/03/22 10:15:00

Analyzed by	Weight	Extraction date	Extracted By
143	0.5123g	03/03/22 11:03:51	143

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T.40.060 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	PASSED
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Metal	LOD	Unit	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	Weight	Extraction date	Extracted By
1	115g	NA	NA

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -KN002053HEA | Reviewed On - 03/08/22 12:38:25

Instrument Used : Metals ICP/MS

Running On : | Batch Date : 03/06/22 16:41:20

Dilution

1

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.