



Certificate of Analysis

Sample:KN11111001-002

Harvest/Lot ID: 080221

Batch#: 080221

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 56.7 gram

Total Weight/Volume: N/A

Retail Product Size: 56.7 gram

Ordered : 10/27/21

sampled : 10/27/21

Completed: 11/17/21 Expires: 11/17/22

Sampling Method: SOP Client Method

PASSED

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Nov 17, 2021 | cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US

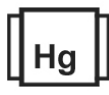
PRODUCT IMAGE



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

0.027%

TOTAL THC/Jar :15.309 mg



Total CBD

0.587%

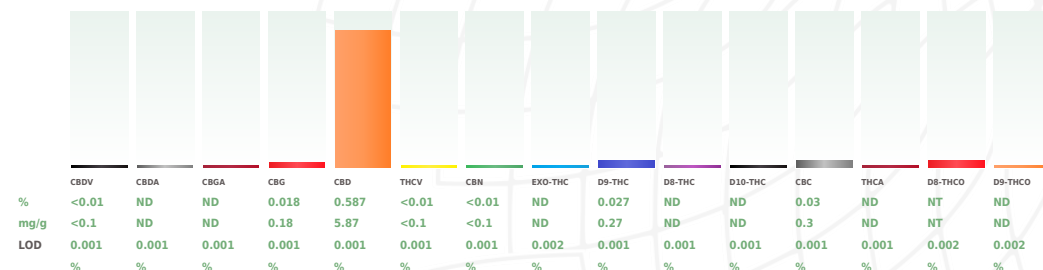
TOTAL CBD/Jar :332.829 mg



Total Cannabinoids

0.693%

Total Cannabinoids/Jar :392.931 mg



Filtration PASSED

Analyzed By: 1692
Weight: 0.5785g
Extraction date: NA
Extracted By: NA
Analyte: Filth and Foreign Material
LOD: 0.3
Result: ND
Analysis Method: SOP.T.40.013
Batch Date: 11/11/21 11:20:35
Analytical Batch: KN001551FIL
Reviewed On: 11/11/21 11:21:54
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-213 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by: 133
Weight: 0.2974g
Extraction date: 11/11/21 05:11:10
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: 11/12/21 14:58:24
Batch Date: 11/11/21 12:34:05
Analytical Batch: KN001552POT
Instrument Used: HPLC E-SHI-008
Running On: 11/11/21 17:45:51

Reagent	Dilution	Consums. ID
081321.R04 111021.R03 102821.R09	40	947.271, 89291.271 0030220

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.

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Sue Ferguson

Lab Director

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

Sue Ferguson
Signature

11/17/21

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 : KN11111001-002
Harvest/LOT ID: 080221
Batch# : 080221
Sampled : 10/27/21
Ordered : 10/27/21
Sample Size Received : 56.7 gram
Total Weight/Volume : N/A
Completed : 11/17/21 Expires: 11/17/22
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
TRANS-CARYOPHYLLENE	0.007	ND	ND		HEXAHYDRO	0.007	ND	ND	
GUAIOL	0.007	ND	ND		THYMOL				
LIMONENE	0.007	ND	ND		EUCALYPTOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		ISOBORNEOL	0.007	ND	ND	
NEROL	0.007	ND	ND		FARNESENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		FENCHONE	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		GAMMA-TERPINENE	0.007	ND	ND	
PULEGONE	0.007	ND	ND		GERANIOL	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						
CAMPHENE	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
ALPHA-BISABOOL	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						
Total (%) 0									



Terpenes

TESTED

Analyzed by 138 **Weight** 1.05919g **Extraction date** 11/11/21 04:11:40 **Extracted By** 138
Analysis Method -SOP.T.40.090
Analytical Batch -KN001550TER **Reviewed On** - 11/16/21 11:06:40
Instrument Used : E-SHI-109 Terpenes
Running On :
Batch Date : 11/11/21 09:59:25

Reagent	Dilution	Consums. ID
092221.02	10	P7473901 201230 94789291.217 280083251

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



Certificate of Analysis

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cbd dog health

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

Sample : KN11111001-002

Harvest/LOT ID: 080221

Batch# : 080221

Sampled : 10/27/21

Ordered : 10/27/21

Sample Size Received : 56.7 gram

Total Weight/Volume : N/A

Completed : 11/17/21 Expires: 11/17/22

Sample Method : SOP Client Method

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Pesticides

PASSED

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

PASSED

 Analyzed by
143

 Analysis Method - SOP.T.30.060, SOP.T.40.060,
 Analytical Batch - KN001556PES

 Instrument Used : E-SHI-125 Pesticides
 Running On : 11/12/21 16:48:12

Reagent

 101321.R02
 080221.R04
 080221.R10
 110321.R20
 110421.R01

 Weight
 1.0203g

 Extraction date
 11/12/21 10:11:51

 Extracted By
 143

 Reviewed On- 11/11/21
 11:21:54

Batch Date : 11/12/21 09:57:52

Dilution

100

Consums. ID

 200618634
 947.271

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. *



Certificate of Analysis

PASSED
cbd dog health

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

Sample : KN11111001-002
Harvest/LOT ID: 080221
Batch# : 080221
Sampled : 10/27/21
Ordered : 10/27/21
Sample Size Received : 56.7 gram
Total Weight/Volume : N/A
Completed : 11/17/21 Expires: 11/17/22
Sample Method : SOP Client Method

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	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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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		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	15	ppm	2170	PASS	ND
- DIMETHYLBENZENE					

Analyzed by 138 **Weight** 0.02615g **Extraction date** 11/11/21 03:11:54 **Extracted By** 138
Analysis Method -SOP.T.40.032
Analytical Batch -KN001549SOL **Reviewed On - 11/16/21 11:15:11**
Instrument Used : E-SHI-106 Residual Solvents
Running On :
Batch Date : 11/11/21 09:54:58

Reagent	Dilution	Consums. 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@cbdogghealth.com

Sample : KN11111001-002
Harvest/LOT ID: 080221
Batch# : 080221
Sampled : 10/27/21
Ordered : 10/27/21
Sample Size Received : 56.7 gram
Total Weight/Volume : N/A
Completed : 11/17/21 Expires: 11/17/22
Sample Method : SOP Client Method

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Microbials

PASSED

Analyte	LOD	Result
LISTERIA_MONOCYTOGENE		not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.
ASPERGILLUS_FLAVUS		not present in 1 gram.
ASPERGILLUS_FUMIGATUS		not present in 1 gram.
ASPERGILLUS_NIGER		not present in 1 gram.
ASPERGILLUS_TERREUS		not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -KN001553MIC Batch Date : 11/11/21 12:47:58
Instrument Used :
Running On :

Analyzed by	Weight	Extraction date	Extracted By
1692	0.9954g	11/12/21 08:11:05	1692

Dilution

1

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

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN001557MYC | Reviewed On - 11/15/21 16:18:11
Instrument Used : E-SHI-125 Mycotoxins
Running On : 11/12/21 16:49:39
Batch Date : 11/12/21 09:58:51

Analyzed by	Weight	Extraction date	Extracted By
143	1.0203g	11/12/21 04:11:20	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

Reagent	Dilution	Consums. ID
100421.02	50	7226/0030021
092121.R22		210117060
080421.R13		
040521.R04		

Metal	LOD	Unit	Result	Action Level
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	

Analyzed by	Weight	Extraction date	Extracted By
12	0.2479g	11/17/21 06:11:37	12

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -KN001542HEA | Reviewed On - 11/17/21 18:32:51
Instrument Used : Metals ICP/MS
Running On :
Batch Date : 11/09/21 15:18:39

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. *Based on FL action limits.