



Certificate of Analysis

Sample:KN30526002-001
Harvest/Lot ID: 040123
Batch#: 040123
Sample Size Received: 118 ml
Retail Product Size: 118 ml
Ordered : 05/16/23
Sampled : 05/16/23
Completed: 06/01/23

PASSED

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Jun 01, 2023 | cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US

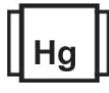
PRODUCT IMAGE



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.



Potency

PASSED



Total THC
0.1681%
Total THC/Bottle : 190.424 mg



Total CBD
5.6323%
Total CBD/Bottle : 6380.269 mg



Total Cannabinoids
6.3098%
Total Cannabinoids/Bottle : 7147.741 mg

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	D10-THC	CBC	THCA
%	0.0602	<0.01	<0.01	0.1191	5.6323	<0.01	0.0283	0.1681	<0.01	ND	0.3018	ND
mg/ml	0.5779	<0.096	<0.096	1.1433	54.07	<0.096	0.2716	1.6137	<0.096	ND	2.8972	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2657 Weight: 0.2079g Extraction date: 05/26/23 09:14:08 Extracted by: 2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCA: ± 0.124, TOTAL THC ± 0.112. 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 : KN003824POT **Reviewed On :** 05/30/23 10:38:23
Instrument Used : E-SHI-008 **Batch Date :** 05/26/23 08:17:32
Running on : N/A

Dilution : N/A
Reagent : 122922.10; 100422.02; 051023.01; 051723.R01; 052223.R34; 102722.28
Consumables : 301011028; 22/04/01; 220725; 230105059D; 239146; 947B9291.271; GD210005; 1350331; 6121219; 600054; 220303059-D; IP250.100
Pipette : E-VWR-120

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have a LOQ of 0.01%.

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Sue Ferguson
Lab Director

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

Sue Ferguson
Signature

06/01/23

Signed On



Certificate of Analysis

PASSED

cbd dog health

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

Sample : KN30526002-001
Harvest/Lot ID: 040123
Batch# : 040123
Sampled : 05/16/23
Ordered : 05/16/23

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Completed : 06/01/23 Expires: 06/01/24

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Terpenes				TESTED					
Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)
SABINENE HYDRATE	0.0003	<0.192	<0.02		3-CARENE	0.0006	<0.192	<0.02	
GERANIOL	0.0002	ND	ND		FENCHYL ALCOHOL	0.0002	ND	ND	
GERANYL ACETATE	0.0006	0.286	0.0298		HEXAHYDROTHYMOL	0.0006	ND	ND	
GUAJOL	0.0002	0.3062	0.0319		EUCALYPTOL	0.0006	0.3235	0.0337	
LIMONENE	0.0003	<0.192	<0.02		ISOBORNEOL	0.0006	ND	ND	
LINALOOL	0.0005	4.2201	0.4396		FARNESENE	0.0006	0.527	0.0549	
NEROL	0.0007	0.1929	0.0201		FENCHONE	0.0005	ND	ND	
OCIMENE	0.0004	1.1644	0.1213		Analyzed by: 138, 3050 Weight: 1.0338g Extraction date: 05/26/23 14:43:01 Extracted by: 138 Analysis Method : SOP.T.40.090.TN Analytical Batch : KN003826TER Reviewed On : 05/31/23 18:17:45 Instrument Used : E-SHI-109 Batch Date : 05/26/23 12:42:46 Running on : N/A Dilution : 10 Reagent : 092221.04 Consumables : 301011028; 220725; 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.				
ALPHA-PHELLANDRENE	0.0006	ND	ND						
PULEGONE	0.0002	ND	ND						
SABINENE	0.0004	<0.192	<0.02						
GAMMA-TERPINENE	0.0003	<0.192	<0.02						
TERPINEOL	0.0003	0.2841	0.0296						
TERPINOLENE	0.0002	ND	ND						
TRANS-CARYOPHYLLENE	0.0006	0.5203	0.0542						
TRANS-NEROLIDOL	0.0002	<0.192	<0.02						
VALENCENE	0.0007	ND	ND						
ALPHA-BISABOLOL	0.0008	0.5222	0.0544						
ALPHA-HUMULENE	0.0003	0.1987	0.0207						
ALPHA-PINENE	0.0004	<0.192	<0.02						
ALPHA-TERPINENE	0.0003	ND	ND						
BETA-MYRCENE	0.0006	0.2054	0.0214						
BETA-PINENE	0.0004	ND	ND						
BORNEOL	0.0006	<0.384	<0.04						
CAMPHENE	0.0007	<0.192	<0.02						
CAMPHOR	0.0005	ND	ND						
CARYOPHYLLENE OXIDE	0.0005	0.4396	0.0458						
CEDROL	0.0007	ND	ND						
ALPHA-CEDRENE	0.0003	ND	ND						
ISOPULEGOL	0.0006	ND	ND						
CIS-NEROLIDOL	0.0007	ND	ND						
Total (%)				0.9574					

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Sue Ferguson

Lab Director

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

Signature

06/01/23

Signed On



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PASSED

cbd dog health

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163 Carts Lake Lane
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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.012	ppm	0.3	PASS	ND	PRALLETHRIN	0.008	ppm	0.4	PASS	ND
ACEPHATE	0.008	ppm	3	PASS	ND	PROPICONAZOLE	0.007	ppm	1	PASS	ND
ACEQUINOCYL	0.038	ppm	2	PASS	ND	PROPOXUR	0.008	ppm	0.1	PASS	ND
ACETAMIPRID	0.009	ppm	3	PASS	ND	PYRETHRINS	0.002	ppm	1	PASS	ND
ALDICARB	0.009	ppm	0.1	PASS	ND	PYRIDABEN	0.007	ppm	3	PASS	ND
AZOXYSTROBIN	0.013	ppm	3	PASS	ND	SPINETORAM	0.004	ppm	3	PASS	ND
BIFENAZATE	0.028	ppm	3	PASS	ND	SPIROMESIFEN	0.009	ppm	3	PASS	ND
BIFENTHRIN	0.047	ppm	0.5	PASS	ND	SPIROTETRAMAT	0.009	ppm	3	PASS	ND
BOSCALID	0.007	ppm	3	PASS	ND	SPIROXAMINE	0.006	ppm	0.1	PASS	ND
CARBARYL	0.015	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.009	ppm	1	PASS	ND
CARBOFURAN	0.008	ppm	0.1	PASS	ND	THIACLOPRID	0.008	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.012	ppm	1	PASS	ND	THIAMETHOXAM	0.009	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.008	ppm	3	PASS	ND	TOTAL SPINOSAD	0.009	ppm	3	PASS	ND
CHLORPYRIFOS	0.014	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.009	ppm	3	PASS	ND
CLOFENTEZINE	0.006	ppm	0.5	PASS	ND						
COUMAPHOS	0.009	ppm	0.1	PASS	ND						
DAMINOZIDE	0.006	ppm	0.1	PASS	ND						
DIAZANON	0.006	ppm	0.2	PASS	ND						
DICHLORVOS	0.014	ppm	0.1	PASS	ND						
DIMETHOATE	0.009	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.009	ppm	3	PASS	ND						
ETHOPROPHOS	0.007	ppm	0.1	PASS	ND						
ETOFENPROX	0.009	ppm	0.1	PASS	ND						
ETOXAZOLE	0.007	ppm	1.5	PASS	ND						
FENHEXAMID	0.005	ppm	3	PASS	ND						
FENOXYCARB	0.007	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.006	ppm	2	PASS	ND						
FIPRONIL	0.008	ppm	0.1	PASS	ND						
FLONICAMID	0.014	ppm	2	PASS	ND						
FLUDIOXONIL	0.011	ppm	3	PASS	ND						
HEXYTHIAZOX	0.009	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.005	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.009	ppm	2	PASS	ND						
METALAXYL	0.008	ppm	3	PASS	ND						
METHIOCARB	0.008	ppm	0.1	PASS	ND						
METHOMYL	0.009	ppm	0.1	PASS	ND						
MEVINPHOS	0.001	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.006	ppm	3	PASS	ND						
NALED	0.023	ppm	0.5	PASS	ND						
OXAMYL	0.009	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.007	ppm	0.1	PASS	ND						
PERMETHRINS	0.008	ppm	1	PASS	ND						
PHOSMET	0.009	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.006	ppm	3	PASS	ND						

Analyzed by: 2803 Weight: 1.0184g Extraction date: N/A Extracted by: 2803
 Analysis Method :SOP.T.40.101.TN
 Analytical Batch :KN003830PES Reviewed On :05/31/23 09:28:40
 Instrument Used :E-SHI-125 Batch Date :05/30/23 12:56:48
 Running on :N/A
 Dilution : 0.01
 Reagent : 010523.R11; 030723.R19; 052623.R03; 051923.R05; 122322.R26; 101722.04; 032221.01
 Consumables : 301011028; 674277-E23452; 22/04/01; 220725; 2126780; 251760; 201123-058; 239146;
 94789291.271; 1350331; 1300.062
 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119
 Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.
 *Based on FL action limits.



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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	100	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	100	ppm	5000	PASS	ND
METHANOL	20	ppm	250	PASS	ND
METHYLENE OXIDE	0.2	ppm	5	PASS	ND
PENTANES (N-PENTANE)	32	ppm	750	PASS	ND
ETHANOL	100	ppm	5000	PASS	ND
ETHYL ETHER	10	ppm	500	PASS	ND
1,1-DICHLOROETHENE	0.6	ppm	8	PASS	ND
ACETONE	40	ppm	750	PASS	ND
2-PROPANOL	25	ppm	500	PASS	ND
ACETONITRILE	20	ppm	60	PASS	ND
DICHLOROMETHANE	2	ppm	125	PASS	ND
N-HEXANE	10	ppm	250	PASS	ND
ETHYL ACETATE	8.3	ppm	400	PASS	ND
CHLOROFORM	0.04	ppm	2	PASS	ND
BENZENE	0.03	ppm	1	PASS	ND
1,2-DICHLOROETHANE	0.05	ppm	2	PASS	ND
HEPTANE	53	ppm	5000	PASS	ND
TRICHLOROETHYLENE	0.5	ppm	25	PASS	ND
TOLUENE	5	ppm	150	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	150	PASS	ND

Analyzed by: 138, 3050	Weight: 0.02223g	Extraction date: 05/31/23 15:05:02	Extracted by: 138
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Analysis Method : SOP.T.40.041.TN	Reviewed On : 06/01/23 13:39:43
Analytical Batch : KN003823SOL	Batch Date : 05/25/23 09:37:18
Instrument Used : E-SHI-106	
Running on : N/A	

Dilution : N/A
Reagent : N/A
Consumables : R2017.167; G201-167
Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits.



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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
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: 2805 Weight: 1.0202g Extraction date: 05/26/23 09:57:52 Extracted by: 2805
 Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 cfu
 Analytical Batch : KN003825MIC Reviewed On : 05/30/23 11:37:01
 Instrument Used : E-HEW-069 Batch Date : 05/26/23 08:46:14
 Running on : N/A

Dilution : N/A
 Reagent : 020323.03; 101822.09; 010923.05; 072722.06
 Consumables : 22/04/01; 251773; 242429; 2DAX30621; 64527994; 41218-146C4-146C; 263989; 93825; 007109; n/a; 247040; 0150210
 Pipette : E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-THE-054; E-BIO-188

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. With an LOD of 1cfu, if a pathogenic E Coli, Salmonella, A fumigatus, A flavus, A niger, or A terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.0016	ppm	ND	PASS	0.02
AFLATOXIN G1	0.0012	ppm	ND	PASS	0.02
AFLATOXIN B2	0.0012	ppm	ND	PASS	0.02
AFLATOXIN B1	0.0012	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: 2803 Weight: 1.0184g Extraction date: N/A Extracted by: 2803
 Analysis Method : SOP.T.40.101.TN
 Analytical Batch : KN003831MYC Reviewed On : 05/31/23 13:59:02
 Instrument Used : E-SHI-125 Batch Date : 05/30/23 13:00:19
 Running on : N/A

Dilution : 0.01
 Reagent : 010523.R11; 030723.R19; 052623.R03; 051923.R05; 122322.R26; 101722.04; 032221.01
 Consumables : 301011028; 674277-E23452; 22/04/01; 220725; 21267B0; 251760; 201123-058; 239146; 947B9291.271; 1350331; 1300.062
 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.

	Heavy Metals	PASSED
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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: 2837, 138 Weight: 0.263g Extraction date: 05/26/23 10:50:34 Extracted by: 2837
 Analysis Method : SOP.T.30.082, SOP.T.40.082.TN
 Analytical Batch : KN003822HEA Reviewed On : 05/26/23 13:57:45
 Instrument Used : E-AGI-084 Batch Date : 05/25/23 09:27:16
 Running on : N/A

Dilution : N/A
 Reagent : 122922.10; 100422.02; 052423.R10; 050323.R02; 101722.05; 022023.01; 051523.R14; 051523.R39; 031423.R01; 051523.R12; 051723.R03; 051723.R04; 051723.R05; 031623.R02; 041923.R03
 Consumables : 257747; 829C6-829B; 221200; A260422A
 Pipette : E-VWR-120; E-VWR-122

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. LOQ is 0.04 ppm for all metals. *Based on FL action limits.



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

Analyzed by: 2805	Weight: 0.509g	Extraction date: 05/26/23 09:58:59	Extracted by: 2805
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Analysis Method : SOP.T.40.090
Analytical Batch : KN003738FIL
Instrument Used : E-AMS-138
Running on : N/A

Reviewed On : 05/26/23 10:27:05
Batch Date : 05/04/23 09:20:35

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

06/01/23

Signed On