



Certificate of Analysis

Sample:KN30831003-002
Harvest/Lot ID: 030223
Batch#: 030223
Sample Size Received: 30 ml
Retail Product Size: 30 ml
Ordered : 08/23/23
Sampled : 08/23/23
Completed: 09/06/23

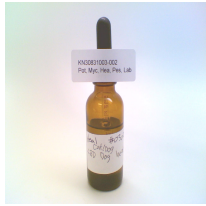
PASSED

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Sep 06, 2023 | cbd dog health

163 Carts Lake Lane
Lutz, FL, 33548, US

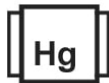
PRODUCT IMAGE



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
0.154%

Total THC/30mL : 44.352 mg



Total CBD
4.3409%

Total CBD/30mL : 1250.179 mg



Total Cannabinoids
5.8941%

Total Cannabinoids/30mL : 1697.501 mg

	CBDVA	CBDV	CBDA	CBGA	CBG	CBD	D9-THCV	D8-THCV	CBN	D9-THC	D8-THC	D10-THC	CBC	THCA
%	ND	0.0232	ND	ND	1.1499	4.3409	ND	ND	0.0145	0.154	<0.01	ND	0.2116	ND
mg/ml	ND	0.2227	ND	ND	11.039	41.6726	ND	ND	0.1392	1.4784	<0.096	ND	2.0313	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	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2657, 2990 Weight: 0.2021g Extraction date: 08/31/23 15:47:51 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 : KN004085POT **Reviewed On :** 09/01/23 14:40:33

Instrument Used : E-5HI-008 **Batch Date :** 08/30/23 08:16:36

Running on : N/A

Dilution : N/A
Reagent : 051123.03; 100422.02; 072423.R02; 082523.R04; 022221.18; 051123.12
Consumables : 302110210; 22/04/01; 220725; 230105059D; 239146; 94789291.271; GD220011; 1350331; 6121219; 600185
Pipette : E-VWR-120; E-VWR-121

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

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Sue Ferguson

Lab Director

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

Signature

09/06/23

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 : KN30831003-002

Harvest/Lot ID: 030223

Batch# : 030223

Sampled : 08/23/23

Ordered : 08/23/23

Sample Size Received : 30 ml

Completed : 09/06/23 Expires: 09/06/24

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Terpenes				TESTED					
Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)
SABINENE HYDRATE	0.0003	ND	ND		3-CARENE	0.0006	ND	ND	
GERANIOL	0.0002	ND	ND		FENCHYL ALCOHOL	0.0002	ND	ND	
GERANYL ACETATE	0.0006	ND	ND		HEXAHYDROTHYMOL	0.0006	ND	ND	
GUAJOL	0.0002	<0.192	<0.02		EUCALYPTOL	0.0006	ND	ND	
LIMONENE	0.0003	ND	ND		ISOBORNEOL	0.0006	ND	ND	
LINALOOL	0.0005	ND	ND		FARNESENE	0.0006	ND	ND	
NEROL	0.0007	ND	ND		FENCHONE	0.0005	ND	ND	
OCIMENE	0.0004	ND	ND						
ALPHA-PHELLANDRENE	0.0006	ND	ND		Analysis Method : SOP.T.40.061.TN	Weight: 1.057g	Extraction date: 09/01/23 16:31:41	Extracted by: 138	
PULEGONE	0.0002	ND	ND		Analytical Batch : KN004091TER				Reviewed On : 09/05/23 16:48:57
SABINENE	0.0004	ND	ND		Instrument Used : E-SHI-109				Batch Date : 08/31/23 15:19:35
GAMMA-TERPINENE	0.0003	ND	ND		Running on : N/A				
TERPINEOL	0.0003	ND	ND		Dilution : 10				
TERPINOLENE	0.0002	ND	ND		Reagent : N/A				
TRANS-CARYOPHYLLENE	0.0006	ND	ND		Consumables : N/A				
TRANS-NEROLIDOL	0.0002	ND	ND		Pipette : N/A				
VALENCENE	0.0007	ND	ND		Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes.				
ALPHA-BISABOLOL	0.0008	<0.192	<0.02						
ALPHA-HUMULENE	0.0003	ND	ND						
ALPHA-PINENE	0.0004	ND	ND						
ALPHA-TERPINENE	0.0003	ND	ND						
BETA-MYRCENE	0.0006	ND	ND						
BETA-PINENE	0.0004	ND	ND						
BORNEOL	0.0006	ND	ND						
CAMPHENE	0.0007	ND	ND						
CAMPHOR	0.0005	ND	ND						
CARYOPHYLLENE OXIDE	0.0005	<0.192	<0.02						
CEDROL	0.0007	ND	ND						
ALPHA-CEDRENE	0.0003	ND	ND						
ISOPULEGOL	0.0006	ND	ND						
CIS-NEROLIDOL	0.0007	ND	ND						
Total (%)			0						

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Sue Ferguson

Lab Director

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

Signature

09/06/23

Signed On



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PASSED

cbd dog health

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Harvest/Lot ID: 030223

Batch# : 030223

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Sample Size Received : 30 ml

Completed : 09/06/23 Expires: 09/06/24

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						
FENOXICARB	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: 1.0022g Extraction date: 09/06/23 15:13:38 Extracted by: 2803
 Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
 Analytical Batch : KN004101PES Reviewed On : 09/06/23 15:25:03
 Instrument Used : E-SHI-125 Batch Date : 09/06/23 15:08:14
 Running on : N/A
 Dilution : 0.01
 Reagent : 082523.R07; 082923.R10; 082923.R09; 030723.R19; 122322.R26; 011723.03; 082823.R10; 120522.R21; 032221.01; 092222.R22
 Consumables : 302110210; K130252; n/a; 220725; B9291.100; 21267B0; 264041; 201123-058; 211214634-D; 239146; 947B9291.271; GD220003; 1350331
 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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Sue Ferguson

Lab Director

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

Signature

09/06/23

Signed On



Certificate of Analysis

PASSED

cbd dog health

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

Sample : KN30831003-002

Harvest/Lot ID: 030223

Batch# : 030223

Sampled : 08/23/23

Ordered : 08/23/23

Sample Size Received : 30 ml

Completed : 09/06/23 Expires: 09/06/24

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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: 0.02726g	Extraction date: 09/05/23 10:17:11	Extracted by: 138
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Analysis Method : SOP.T.40.041.TN	Reviewed On : 09/05/23 16:48:48
Analytical Batch : KN004093SOL	Batch Date : 09/01/23 09:21:08
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.



Certificate of Analysis

PASSED

cbd dog health

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 Sample : KN30831003-002
 Harvest/Lot ID: 030223
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 Completed : 09/06/23 Expires: 09/06/24

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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: 1.0206g Extraction date: 09/01/23 09:53:51 Extracted by: 2805
 Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 CFU
 Analytical Batch : KN004086MIC Reviewed On : 09/05/23 15:27:42
 Instrument Used : E-HEW-069 Batch Date : 08/30/23 09:24:20
 Running on : N/A

Dilution : N/A
 Reagent : 121322.02; 042723.02; 030723.05; 101822.07
 Consumables : 22/04/01; 10RWL0315W13; 251773; 242429; 2DAX30621; P7528255; 41218-146C4-146C; 263989; 93825; n/a; 247040; 0150210; 010205; 007109
 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: 1.0022g Extraction date: 09/06/23 15:13:38 Extracted by: 2803
 Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
 Analytical Batch : KN004102MYC Reviewed On : 09/06/23 15:28:39
 Instrument Used : E-SHI-125 Batch Date : 09/06/23 15:22:08
 Running on : N/A

Dilution : 0.01
 Reagent : 082523.R07; 082923.R10; 082923.R09; 030723.R19; 122322.R26; 011723.03; 082823.R10; 120522.R21; 032221.01; 092222.R22
 Consumables : 302110210; K130252j; n/a; 220725; B9291.100; 21267B0; 264041; 201123-058; 211214634-D; 239146; 947B9291.271; GD220003; 1350331
 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: 0.2659g Extraction date: 09/01/23 09:50:30 Extracted by: 2837
 Analysis Method : SOP.T.30.082, SOP.T.40.082.TN
 Analytical Batch : KN004092HEA Reviewed On : 09/01/23 17:01:20
 Instrument Used : E-AGI-084 Batch Date : 09/01/23 08:13:08
 Running on : N/A

Dilution : N/A
 Reagent : 051123.03; 100422.02; 072423.R02; 082523.R04; 022221.18; 051123.12
 Consumables : 302110210; 22/04/01; 220725; B9291.100; 230322059D; 239146; 947B9291.271; GD220011; 1350331; 6121219; 600185
 Pipette : E-VWR-120

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.



Certificate of Analysis

PASSED

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**Filth/Foreign
Material**

PASSED

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

Analyzed by: 2805	Weight: 0.5764g	Extraction date: 09/01/23 09:54:26	Extracted by: 2805
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Analysis Method : SOP.T.40.090

Analytical Batch : KN003972FIL

Instrument Used : E-AMS-138

Running on : N/A

Reviewed On : 09/01/23 11:23:53

Batch Date : 07/18/23 12:03:18

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.