



# Certificate of Analysis

Sample:KN10928009-002

Harvest/Lot ID: 070321

Seed to Sale# N/A

Batch Date: N/A

Batch#: 070321-1

Sample Size Received: 56.7 gram

Total Weight/Volume: N/A

Retail Product Size: 56.7 gram

Ordered : 09/20/21

sampled : 09/20/21

Completed: 10/04/21 Expires: 10/04/22

Sampling Method: SOP Client Method

**PASSED**

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Oct 04, 2021 | cbd dog health

163 Carts Lake Lane  
Lutz, FL, 33548, US

PRODUCT IMAGE



SAFETY RESULTS



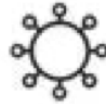
Pesticides  
**PASSED**



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  
**0.03%**

TOTAL THC/Container :17.294 mg



Total CBD  
**0.636%**

TOTAL CBD/Container :360.895 mg



Total Cannabinoids  
**0.72%**

Total Cannabinoids/Container :408.467 mg

	CBDV	CBDa	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	THC-O-ACET
%	<0.01	ND	ND	0.021	0.636	<0.01	<0.01	ND	0.03	ND	ND	0.031	ND	ND
mg/g	<0.1	ND	ND	0.21	6.36	<0.1	<0.1	ND	0.3	ND	ND	0.31	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

**Filtration PASSED**

Analyzed By	Weight	Extraction date	Extracted By
142	0.6983g	NA	NA
Analyte	LOD	Result	
Filtration and Foreign Material	0.3	ND	
Analysis Method -SOP.T.40.013	Batch Date : 09/29/21 12:23:43		
Analytical Batch -KN001375FIL	Reviewed On - 09/29/21 12:38:41		
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-2113 Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
113	0.2024g	09/28/21 02:09:12	1692
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.			
Analytical Batch -KN001371POT Instrument Used : HPLC E-SHI-008		Running On :	
Reviewed On - 09/29/21 16:05:17		Batch Date : 09/28/21 14:36:01	

Reagent	Dilution	Consums. ID
081321.R04 092821.R09 090321.R05	0.16	94789291.217 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

10/04/21

Signed On



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

# Certificate of Analysis

**PASSED**

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

Sample : KN10928009-002  
Harvest/LOT ID: 070321

Batch# : 070321-1  
Sampled : 09/20/21  
Ordered : 09/20/21

Sample Size Received : 56.7 gram  
Total Weight/Volume : N/A  
Completed : 10/04/21 Expires: 10/04/22  
Sample Method : SOP Client Method


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## Terpenes

# TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
PULEGONE	0.007	ND	ND		CIS-NEROLIDOL	0.007	ND	ND	
GAMMA-TERPINENE	0.007	ND	ND		3-CARENE	0.007	ND	ND	
GERANIOL	0.007	< 0.2	< 0.02		FENCHYL ALCOHOL	0.007	ND	ND	
GERANYL ACETATE	0.007	< 0.2	< 0.02		HEXAHYDRO THYMOL	0.007	ND	ND	
GUAIOL	0.007	< 0.2	< 0.02		EUCALYPTOL	0.007	< 0.2	< 0.02	
LIMONENE	0.007	ND	ND		ISOBORNEOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		FARNESENE	0.007	0.5	0.05	
NEROL	0.007	ND	ND						
OCIMENE	0.007	ND	ND						
ALPHA-PHELLANDRENE	0.007	ND	ND						
FENCHONE	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						
TRANS-CARYOPHYLLENE	0.007	ND	ND						
TRANS-NEROLIDOL	0.007	< 0.2	< 0.02						
VALENCENE	0.007	ND	ND						
CEDROL	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	< 0.2	< 0.02						
CAMPHOR	0.013	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	< 0.2	< 0.02						
ISOPULEGOL	0.007	ND	ND						
<b>Total (%)</b>		<b>0.05</b>							


Terpenes
**TESTED**

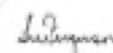
Analyzed by 138	Weight 1.08468g	Extraction date 09/28/21 02:09:02	Extracted By 138
Analysis Method -SOP.T.40.090		Reviewed On - 10/04/21 18:23:58	
Analytical Batch -KN001368TER			
Instrument Used : E-SHI-109 Terpenes			
Running On :			
Batch Date : 09/28/21 10:26:16			

Reagent	Dilution	Consums. ID
042721.01	0	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

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**Sue Ferguson**  
Lab Director  
State License # n/a  
ISO Accreditation #  
17025:2017

  
Signature

10/04/21  
Signed On



10427 Cogdill Road, Suite 500  
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DEA Number: RK0595249

# Certificate of Analysis

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Telephone: (786) 314-9092  
Email: joe@cbbdoghealth.com

Sample : KN10928009-002  
Harvest/LOT ID: 070321

Batch# : 070321-1  
Sampled : 09/20/21  
Ordered : 09/20/21

Sample Size Received : 56.7 gram  
Total Weight/Volume : N/A  
Completed : 10/04/21 Expires: 10/04/22  
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
ACEQUINOCYL	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

---

<b>Analyzed by</b> 143	<b>Weight</b> 1.0043g	<b>Extraction date</b> 09/28/21 04:09:02	<b>Extracted By</b> 143
<b>Analysis Method</b> - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - KN001365PES		<b>Reviewed On</b> - 09/29/21 12:38:41	
<b>Instrument Used</b> : E-SHI-125 Pesticides Running On : 09/28/21 16:23:18		<b>Batch Date</b> : 09/28/21 10:01:16	

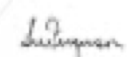
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<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
091721.815 051021.02 080321.805 092321.806 092321.807	100	200618634 947.271

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. \*

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**Sue Ferguson**  
Lab Director  
State License # n/a  
ISO Accreditation #  
17025:2017



Signature

10/04/21  
Signed On





# Certificate of Analysis

**PASSED**

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

Sample : KN10928009-002  
Harvest/LOT ID: 070321

Batch# : 070321-1  
Sampled : 09/20/21  
Ordered : 09/20/21

Sample Size Received : 56.7 gram  
Total Weight/Volume : N/A  
Completed : 10/04/21 Expires: 10/04/22  
Sample Method : SOP Client Method

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## Residual Solvents

PASSED



## 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		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 DIMETHYLBENZENE		ppm	2170	PASS	ND

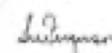
**Analyzed by** 138      **Weight** 0.02918g      **Extraction date** 09/28/21 02:09:31      **Extracted By** 138  
**Analysis Method -SOP.T.40.032**  
**Analytical Batch -KN001367SOL**      **Reviewed On - 09/30/21 16:59:33**  
**Instrument Used : E-SHI-106 Residual Solvents**  
**Running On : 09/28/21 16:48:35**  
**Batch Date : 09/28/21 10:14:06**

Reagent	Dilution	Consums. ID
	0	R2017.062 G201-062

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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10/04/21  
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DEA Number: RK0595249

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Harvest/LOT ID: 070321

Batch# : 070321-1  
Sampled : 09/20/21  
Ordered : 09/20/21

Sample Size Received : 56.7 gram  
Total Weight/Volume : N/A  
Completed : 10/04/21 Expires: 10/04/22  
Sample Method : SOP Client Method

Page 5 of 5



## Microbials

PASSED



## Mycotoxins

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.

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.40.043  
Analytical Batch -KN001362MIC Batch Date : 09/27/21 12:38:45  
Instrument Used : Micro E-HEW-069  
Running On : 09/29/21 14:29:29

Analysis Method -SOP.T.30.060, SOP.T.40.060  
Analytical Batch -KN001366MYC | Reviewed On - 10/01/21 16:48:24  
Instrument Used : E-SHI-125 Mycotoxins  
Running On : 09/28/21 16:27:08  
Batch Date : 09/28/21 10:03:11

Analyzed by	Weight	Extraction date	Extracted By
142	0.9778g	NA	NA

Analyzed by	Weight	Extraction date	Extracted By
143	1.0043g	09/28/21 04:09:08	143

Reagent	Dilution	Consums. ID
072821.02	0	003102
072721.06		
030421.02		
072721.07		
030421.03		

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.

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.



## Heavy Metals

PASSED

Reagent	Dilution	Consums. ID
092121.R21	50	7226/0030021
092121.R22		210117060
080421.R13		A29564150
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	

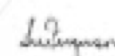
Analyzed by	Weight	Extraction date	Extracted By
12	0.2722g	09/29/21 12:09:21	12

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -KN001372HEA | Reviewed On - 10/04/21 18:23:25  
Instrument Used : Metals ICP/MS  
Running On :  
Batch Date : 09/28/21 15:19:12

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. Analytes ISO Pending. \*Based on FL action limits.

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17025:2017

  
Signature

10/04/21  
Signed On