



# Certificate of Analysis

Sample:KN20923009-002

Harvest/Lot ID: 020122

Batch#: 020122

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 60 ml

Total Batch Size: N/A

Retail Product Size: 60 ml

Ordered : 09/07/22

Sampled : 09/07/22

Completed: 09/29/22

Sampling Method: N/A

**PASSED**

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Sep 29, 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**



Filth  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**TESTED**

MISC.



**Cannabinoid**

**PASSED**



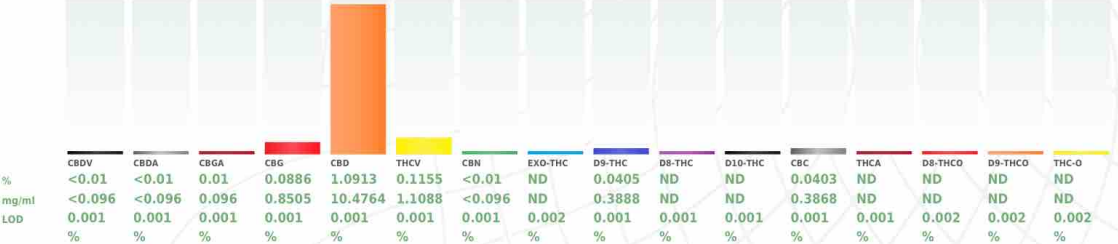
**Total THC**  
**0.0405%**  
Total THC/Bottle : 23.328 mg



**Total CBD**  
**1.0913%**  
Total CBD/Bottle : 628.589 mg



**Total Cannabinoids**  
**1.3862%**  
Total Cannabinoids/Bottle : 798.451 mg



Analyzed by:  
2369, 2837, 2692

Weight:  
0.2034g

Extraction date:  
09/23/22 13:36:39

Extracted by:  
2837

**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 :** KM002940PT  
**Instrument Used :** HPLC E-SH:008  
**Running on :** N/A

**Reviewed On :** 09/27/22 12:53:32  
**Batch Date :** 09/23/22 13:33:40

**Dilution :** N/A  
**Reagent :** 062422.02; 011320.02; 070822.R01; 063022.R02  
**Consumables :** 294033242; 270314; 201123-058; 94789291.100; 0030220  
**Pipette :** E-GIL-010; E-EPP-081

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 Shmadzu 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



Signature

09/29/22

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 : KN20923009-002

Harvest/Lot ID: 020122

Batch# : 020122

Sampled : 09/07/22

Ordered : 09/07/22

Sample Size Received : 60 ml

Total Batch Size : N/A

Completed : 09/29/22 Expires: 09/29/23

Sample Method : SOP Client Method

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/ml	%	Result (%)	Terpenes	LOD (%)	mg/ml	%	Result (%)
SABINENE HYDRATE	0.007	ND	ND		3-CARENE	0.007	0.3148	0.0328	
GERANIOL	0.007	ND	ND		FENCHYL ALCOHOL	0.007	ND	ND	
GERANYL ACETATE	0.007	ND	ND		HEXAHYDROTHYMOL	0.007	ND	ND	
GUAIOL	0.007	ND	ND		EUCALYPTOL	0.007	<0.192	<0.02	
LIMONENE	0.007	0.3667	0.0382		ISOBORNEOL	0.007	ND	ND	
LINALOOL	0.007	ND	ND		FARNESENE	0.007	<0.192	<0.02	
NEROL	0.007	ND	ND		FENCHONE	0.007	ND	ND	
OCIMENE	0.007	ND	ND						
ALPHA-PHELLENDRENE	0.007	0.5462	0.0569		Analyzed by: 2360, 139, 12 Analysis Method : SOP.T.40.090 Analytical Batch : KN002933TER Instrument Used : E-SH1-109 Terpenes Running on : N/A Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A	Weight: 1g Extraction date: N/A Extracted by: N/A	Reviewed On : 09/27/22 17:19:42 Batch Date : 09/23/22 08:52:34		
PULEGONE	0.007	ND	ND		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.				
SABINENE	0.007	0.4819	0.0502						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINEOL	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
TRANS-CARYOPHYLLENE	0.007	ND	ND						
TRANS-NEROLIDOL	0.007	ND	ND						
VALENCENE	0.007	ND	ND						
ALPHA-BISABOLOL	0.007	<0.192	<0.02						
ALPHA-HUMULENE	0.007	<0.192	<0.02						
ALPHA-PINENE	0.007	0.5664	0.059						
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-CEDRENE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
<b>Total (%)</b>			<b>0.2371</b>						



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Sample : KN20923009-002  
Harvest/Lot ID: 020122

Batch# : 020122  
Sampled : 09/07/22  
Ordered : 09/07/22

Sample Size Received : 60 ml  
Total Batch Size : N/A  
Completed : 09/29/22 Expires: 09/29/23  
Sample Method : SOP Client Method

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## Pesticides

**PASSED**

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	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
ACEQUINOCLY	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
CLOFENTHINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	Weight: 0.5055g	Extraction date: N/A	Extracted by: N/A			
CYPERMETHRIN	0.01	ppm	1	PASS	ND	Analysis Method : SOP.T.30.060, SOP.T.40.060	Reviewed On : 09/27/22 15:25:05				
DAMINOZIDE	0.01	ppm	0.1	PASS	ND	Analytical Batch : KN002947PES	Batch Date : 09/26/22 14:44:05				
DIAZANON	0.01	ppm	0.2	PASS	ND	Instrument Used : E-SH-125 Pesticides					
DICHLORVOS	0.01	ppm	0.1	PASS	ND	Running on : N/A					
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Dilution : 0.01					
DIMETHOMORPH	0.01	ppm	3	PASS	ND	Reagent : N/A					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Consumables : N/A					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Pipette : N/A					
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXICARB	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						

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**Sue Ferguson**

Lab Director

State License # n/a

ISO Accreditation # 17025:2017



Signature

09/29/22

Signed On



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cbd dog health

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

Sample : KN20923009-002

Harvest/Lot ID: 020122

Batch# : 020122

Sampled : 09/07/22

Ordered : 09/07/22

Sample Size Received : 60 ml

Total Batch Size : N/A

Completed : 09/29/22 Expires: 09/29/23

Sample Method : SOP Client Method

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## Residual Solvents

**PASSED**

Solvents	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

Analyzed by:  
N/A

Weight:  
N/A

Extraction date:  
N/A

Extracted by:  
N/A

Analysis Method : SOP.T.40.032  
Analytical Batch : KN00294450L  
Instrument Used : E-SHI-106 Residual Solvents  
Running on : N/A

Reviewed On : 09/29/22 19:17:50  
Batch Date : 09/26/22 10:06:58

Dilution : N/A  
Reagent : N/A  
Consumables : N/A  
Pipette : N/A

Residual solvents analysis 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). \*Based on FL action limits.





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Lutz, FL, 33548, US  
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Sample : KN20923009-002  
Harvest/Lot ID: 020122  
Batch# : 020122  
Sampled : 09/07/22  
Ordered : 09/07/22

Sample Size Received : 60 ml  
Total Batch Size : N/A  
Completed : 09/29/22 Expires: 09/29/23  
Sample Method : SOP Client Method

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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02
<b>Analyzed by:</b> 2805 <b>Weight:</b> 1.0101g <b>Extraction date:</b> 09/26/22 10:21:13 <b>Extracted by:</b> 2805 <b>Analysis Method :</b> SOP.T.40.043 <b>Analytical Batch :</b> KN002934MIC <b>Instrument Used :</b> Micro E-HEW-069 <b>Running on :</b> N/A <b>Dilution :</b> N/A <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A	<b>Reviewed On :</b> 09/26/22 20:18:08 <b>Batch Date :</b> 09/23/22 08:57:01		<b>Analyzed by:</b> 2803 <b>Weight:</b> 0.5055g <b>Extraction date:</b> N/A <b>Extracted by:</b> N/A <b>Analysis Method :</b> SOP.T.30.060, SOP.T.40.060 <b>Analytical Batch :</b> KN002956MYC <b>Instrument Used :</b> E-SHI-125 Mycotoxins <b>Running on :</b> N/A <b>Dilution :</b> 0.01 <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A	<b>Reviewed On :</b> 09/27/22 15:46:25 <b>Batch Date :</b> 09/27/22 15:35:33							

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). \*Based on FL action limits.

	<b>Heavy Metals</b>	<b>PASSED</b>
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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
<b>Analyzed by:</b> 2368, 138, 12 <b>Weight:</b> 0.2662g <b>Extraction date:</b> N/A <b>Extracted by:</b> N/A <b>Analysis Method :</b> SOP.T.40.050, SOP.T.30.052 <b>Analytical Batch :</b> KN002952HEA <b>Instrument Used :</b> Metals ICP/MS <b>Running on :</b> N/A <b>Dilution :</b> 50 <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A	<b>Reviewed On :</b> 09/29/22 09:45:58 <b>Batch Date :</b> 09/27/22 09:27:49				

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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Lab Director  
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Sample Method : SOP Client Method

Page 6 of 6

	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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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: 0.6014g	Extraction date: 09/26/22 10:27:21	Extracted by: 2805
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Analysis Method : SOP.T.30.074, SOP.T.40.074  
Analytical Batch : KN002926FIL  
Instrument Used : E-AMS-138 Microscope  
Running on : N/A

Reviewed On : 09/26/22 10:30:38  
Batch Date : 09/21/22 13:30:20

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.

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09/29/22  
Signed On