



Certificate of Analysis

Nov 29, 2019 | OHIO CBD GUY

105 Park Pl COVINGTON
KY, USA 41011



SAMPLE:DA91126007-001

Harvest/Lot ID: N/A

Seed to Sale #N/A

Batch#: 19098

Sample Size: 15 ml

Ordered : 11/21/19

Sampled : 11/21/19

Completed: 11/29/19 Expires: 11/29/20

Sampling Method: SOP Client Method

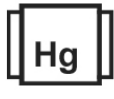
PASSED

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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

0.194%

THC/30 mL Container :58.20 mg

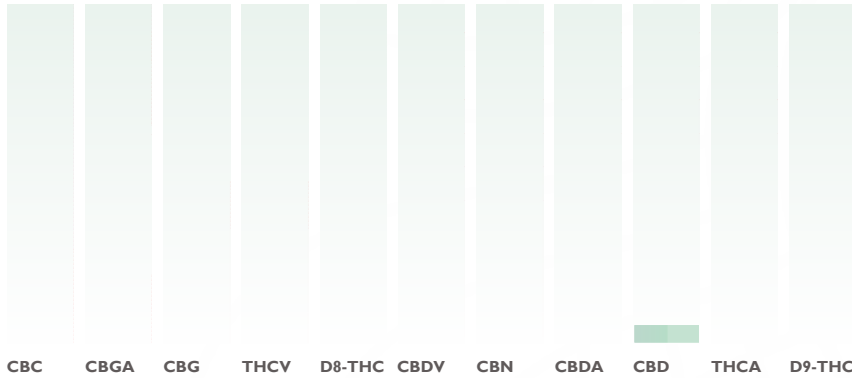


Total CBD

5.214%

CBD/30 mL Container :1566.57 mg

0.216 %	ND	0.079 %	0.014 %	1.189 %	0.014 %	ND	ND	5.214 %	ND	0.194 %
2.160	ND	0.790	0.140	11.890	0.140	ND	ND	52.140	ND	1.940
mg/g		mg/g	mg/g	mg/g	mg/g			mg/g		mg/g



Cannabinoid Profile Test

Analyst 450	Weight 3.0894g	Sample Prep : 2019-11-26 09:11:40	Extracted By : 965
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Analysis Method -SOP.T.40.020, SOP.T.30.050

Analytical Batch -DA008256POT

Reagent	Dilution	Consums. ID
111919.R06	400	76124-662 SFN-BX-1025 849C4-849AK 840C6-840H

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. LOQ for all cannabinoids is 1 mg/L).

	Filtration	PASSED
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Analyte	Weight	Sample Prep :	Extracted By :
584	1g	2019-11-26 02:11:28	584

Analysis Method -SOP.T.40.013

Analytical Batch -DA008276FIL

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

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Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

11/30/2019

Signed On



Certificate of Analysis


PASSED
OHIO CBD GUY

 105 Pk Pl, COVINGTON
 KY, USA 41011

Telephone: (513)-417-9806

Email: ohiocbdguy@gmail.com
Sample : DA91126007-001
Harvest/LOT ID: N/A
Batch# : 19098 **Sampled :** 11/21/19
Sample Size : 15 ml **Completed:** 11/29/19 **Expires:** 11/29/20
Sample Method : SOP Client Method
Ordered : 11/21/19

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Terpenes

TESTED

Terpenes	TEST RESULT (%)	Terpenes	TEST RESULT (%)
ALPHA-CEDRENE	ND	TERPINEOL	ND
ALPHA-HUMULENE	0.163	TERPINOLENE	ND
ALPHA-PINENE	4.644	TRANS-CARYOPHYLLENE	2.687
ALPHA-TERPINENE	ND	TRANS-NEROLIDOL	ND
BETA-MYRCENE	0.022	VALENCENE	ND
BETA-PINENE	ND		
BORNEOL	ND		
CAMPHENE	0.029		
CAMPHOR	ND		
CARYOPHYLLENE OXIDE	0.032		
CEDROL	ND		
ALPHA-BISABOLOL	0.172		
ISOPULEGOL	ND		
CIS-NEROLIDOL	ND		
3-CARENE	ND		
FENCHYL ALCOHOL	ND		
HEXAHYDROTHYMOL	0.375		
EUCALYPTOL	ND		
ISOBORNEOL	ND		
FARNESENE	0.058		
FENCHONE	ND		
GAMMA-TERPINENE	ND		
GERANIOL	ND		
GERANYL ACETATE	ND		
GUAIOL	0.068		
LIMONENE	2.980		
LINALOOL	ND		
NEROL	ND		
OCIMENE	ND		
ALPHA-PHELLANDRENE	ND		
PULEGONE	ND		
SABINENE	ND		
SABINENE HYDRATE	ND		



Terpenes

TESTED

Analyst 1118	Weight 1.0207g	Sample Prep : 2019-11-26 11:11:35	Extracted By : 1118
Analysis Method -SOP.T.40.090			
Analytical Batch -DA008248TER			

Reagent	Dilution	Consums. ID
	10	

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

Total	11.235	
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Telephone: (513)-417-9806

 Email: ohiocbdguy@gmail.com
Sample : DA91126007-001
Harvest/LOT ID: N/A
Batch# : 19098 Sampled : 11/21/19
Sample Size : 15 ml Completed: 11/29/19 Expires: 11/29/20
Sample Method : SOP Client Method
Ordered: 11/21/19
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Pesticides
PASSED

Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
CHLORDANE	0.010	0.1	ppm	ND	DICHLORVOS	0.050	0.1	ppm	ND
CAPTAN	0.100	3	ppm	ND	METHIOCARB	0.010	0.1	ppm	ND
BOSCALID	0.010	3	PPM	ND	METHOMYL	0.010	0.1	ppm	ND
DIMETHOATE	0.010	0.1	ppm	ND	DIAZANON	0.010	0.2	ppm	ND
ABAMECTIN B1A	0.020	0.3	ppm	ND	MEVINPHOS	0.010	0.1	ppm	ND
CIS-PERMETHRIN	0.050	1	ppm	ND	MYCLOBUTANIL	0.010	3	ppm	ND
SPINETORAM	0.010	3	PPM	ND	NALED	0.010	0.5	ppm	ND
ACEPHATE	0.010	3	ppm	ND	OXAMYL	0.010	0.5	ppm	ND
DIMETHOMORPH	0.005	3	ppm	ND	PACLOBUTRAZOL	0.010	0.1	ppm	ND
ETHOPROPHOS	0.010	0.1	ppm	ND	TRANS-PERMETHRIN	0.050	1	ppm	ND
ACEQUINOCYL	0.050	2	ppm	ND	PHOSMET	0.010	0.2	ppm	ND
ACETAMIPRID	0.010	3	ppm	ND	PIPERONYL BUTOXIDE	0.010	3	ppm	ND
ETOFENPROX	0.010	0.1	ppm	ND	PRALLETHRIN	0.050	0.4	ppm	ND
ALDICARB	0.020	0.1	ppm	ND	PROPICONAZOLE	0.010	1	ppm	ND
ETOXAZOLE	0.010	1.5	ppm	ND	PROPOXUR	0.010	0.1	ppm	ND
AZOXYSTROBIN	0.010	3	ppm	ND	PYRETHRIN I	0.010	1	ppm	ND
FENHEXAMID	0.010	3	ppm	ND	PYRIDABEN	0.010	3	ppm	ND
BIFENAZATE	0.010	3	ppm	ND	SPINOSAD (SPINOSYN A)	0.010	3	ppm	ND
FENOXYCARB	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN D)	0.010	3	ppm	ND
FENPYROXIMATE	0.010	2	ppm	ND	SPIROMESIFEN	0.010	3	ppm	ND
BIFENTHRIN	0.010	0.5	ppm	ND	SPIROTETRAMAT	0.020	3	ppm	ND
CARBARYL	0.010	0.5	ppm	ND	SPIROXAMINE	0.010	0.1	ppm	ND
FIPRONIL	0.020	0.1	ppm	ND	TEBUCONAZOLE	0.010	1	ppm	ND
FLONICAMID	0.010	2	ppm	ND	THIACLOPRID	0.010	0.1	ppm	ND
CARBOFURAN	0.010	0.1	ppm	ND	THIAMETHOXAM	0.010	1	ppm	ND
CHLORANTRANILIPROLE	0.010	3	ppm	ND	TRIFLOXYSTROBIN	0.010	3	ppm	ND
FLUDIOXONIL	0.010	3	ppm	ND					
HEXYTHIAZOX	0.010	2	ppm	ND					
CHLORFENAPYR	0.010	0.1	ppm	ND					
IMAZALIL	0.010	0.1	ppm	ND					
CHLORPYRIFOS	0.010	0.1	ppm	ND					
IMIDACLOPRID	0.010	3	ppm	ND					
CLOFENTEZINE	0.010	0.5	ppm	ND					
KRESOXIM-METHYL	0.010	1	ppm	ND					
COUMAPHOS	0.005	0.1	ppm	ND					
MALATHION	0.010	2	ppm	ND					
CYPERMETHRIN	0.020	1	ppm	ND					
DAMINOZIDE	0.020	0.1	ppm	ND					
METALAXYL	0.010	3	ppm	ND					

	Pesticides	PASSED
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Analyst 795	Weight 1.1395g	Sample Prep : 2019-11-26 12:11:10	Extracted By : 1082
Analysis Method - SOP.T.30.065, SOP.T.40.065			
Analytical Batch - DA008262PES			
Reagent	Dilution	Consums. ID	
	10		
SOP.T.30.065, SOP.T.40.065			

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OHIO CBD GUY

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Telephone: (513)-417-9806

Email: ohiocbdguy@gmail.com
Sample : DA91126007-001
Harvest/LOT ID: N/A
Batch# : 19098 **Sampled :** 11/21/19
Sample Size : 15 ml **Completed:** 11/29/19 **Expires:** 11/29/20
Ordered : 11/21/19 **Sample Method :** SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

SOLVENT	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
PROPANE	2100	PASS	ND
BUTANES (N-BUTANE)	2000	PASS	ND
ETHYLENE OXIDE	5	PASS	ND
METHANOL	250	PASS	ND
ETHANOL	5000	PASS	ND
PENTANES (N-PENTANE)	750	PASS	ND
ETHYL ETHER	500	PASS	ND
ACETONE	750	PASS	ND
2-PROPANOL	500	PASS	ND
ACETONITRILE	60	PASS	ND
DICHLOROMETHANE	125	PASS	ND
N-HEXANE	250	PASS	ND
ETHYL ACETATE	400	PASS	ND
BENZENE	1	PASS	ND
HEPTANE	500	PASS	ND
TOLUENE	150	PASS	ND
CHLOROFORM	2	PASS	ND
1,2-DICHLOROETHANE	2	PASS	ND
TRICHLOROETHYLENE	25	PASS	ND
1,1-DICHLOROETHENE	8	PASS	ND
TOTAL XYLENES	150	PASS	ND

Analyst 850	Weight 0.0260g	Sample Prep : 2019-11-26 02:11:06	Extracted By : 850
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Analysis Method -SOP.T.40.032
Analytical Batch -DA008280SOL

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 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

Jorge Segredo
 Lab Director

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OHIO CBD GUY

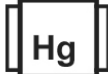
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PASSED


PASSED

Analyte	Result	Action Level (PPM)
AFLATOXIN G2	ND	
AFLATOXIN G1	ND	
AFLATOXIN B2	ND	
AFLATOXIN B1	ND	
OCHRATOXIN A+	ND	0.02
TOTAL AFLATOXINS	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA008263

Reagent	Dilution	Consums. ID
112019.R02		
112519.R01		
111819.R02		
112119.R02		
112219.R03		
111419.R01		
052419.01		


PASSED

Analyte
ASPERGILLUS_FLAVUS
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_NIGER
ASPERGILLUS_TERREUS
ESCHERICHIA_COLI_SHIGELLA_SPP
SALMONELLA_SPECIFIC_GENE

Analysis Method -SOP.T.40.043
Analytical Batch -DA008251MIC

Metal	Result	Action Level (PPM)
ARSENIC	ND	1.5
CADMIUM	ND	0.5
LEAD	ND	0.5
MERCURY	ND	3

Result
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.
 not present in 1 gram.

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA008260HEA

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.

Analyst	Weight	Sample Prep :	Extracted By:
513	1.1200g	2019-11-26 10:11:23	1082

