



# Certificate of Analysis

**SAMPLE: DA91016006-002**

**Harvest/Lot ID: N/A**

Seed to Sale #N/A

**Batch#: 19080**

**Sample Size: 30 ml**

**Ordered : 10/11/19**

**Sampled : 10/11/19**

**Completed: 10/22/19 Expires: 10/22/20**

**Sampling Method: SOP Client Method**

**PASSED**

Oct 22, 2019 | OHIO CBD GUY

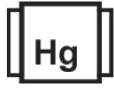
105 Park Pl, COVINGTON  
KY, USA 41011



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

**0.184%**

THC/Container : 107.09 mg

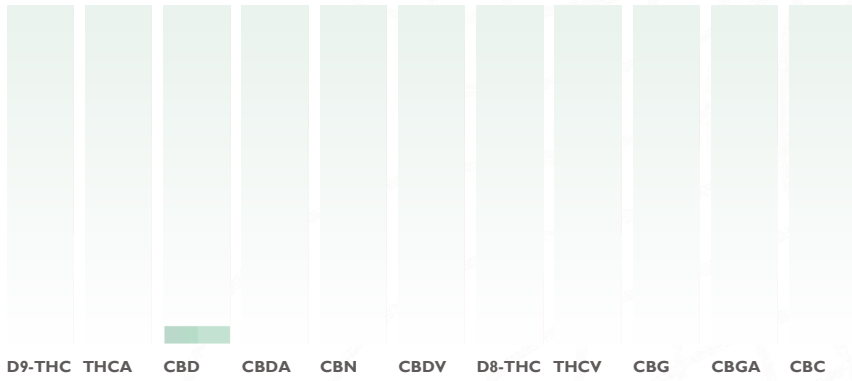


Total CBD

**4.980%**

CBD/Container : 2901.42 mg

0.184 % ND	4.980 % ND	0.032 %	0.018 % ND	ND	0.073 %	0.013 %	0.202 %
1.840 mg ND	49.800 mg ND	0.320 mg	0.180 mg ND	ND	0.730 mg	0.130 mg	2.020 mg



Cannabinoid Profile Test

<b>Analyst</b> 450	<b>Weight</b> 3.0454g	<b>Sample Prep :</b> 2019-10-16 10:10:11	<b>Extracted By :</b> 965
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Analysis Method -SOP.T.40.020, SOP.T.30.050  
Analytical Batch -DA007201

Reagent	Dilution	Consums. ID
101019.R07	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**

<b>Analyte</b> 584	<b>Weight</b> 1g	<b>Sample Prep :</b> 2019-10-16 03:10:23	<b>Extracted By :</b> 584
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Analysis Method -

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

10/22/2019

Signed On



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**PASSED**
**OHIO CBD GUY**

 105 Park Pl COVINGTON  
 KY, USA 41011

**Telephone:** (513) 417-9806

**Email:** [ohiocbdguy@gmail.com](mailto:ohiocbdguy@gmail.com)
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**Harvest/LOT ID: N/A,**
**Batch# :** 19080

**Sample Size :** 30 ml

**Ordered :** 10/11/19


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**Expires :** 10/22/20

**Sample Method :** SOP Client Method

**3**

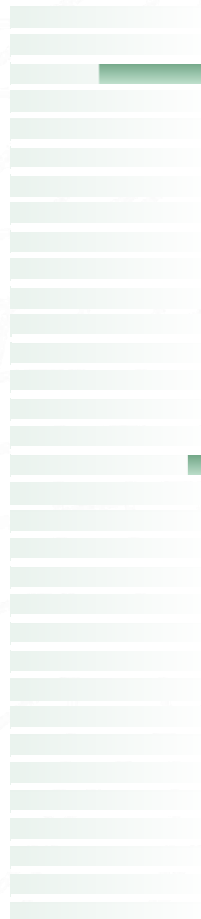


**Terpenes**

**TESTED**

**Terpenes**

ALPHA-CEDRENE	ND
ALPHA-HUMULENE	0.056
ALPHA-PINENE	4.948
ALPHA-TERPINENE	ND
BETA-MYRCENE	0.126
BETA-PINENE	ND
BORNEOL	ND
CAMPHENE	0.033
CAMPHOR	ND
CARYOPHYLLENE OXIDE	0.039
CEDROL	ND
ALPHA-BISABOLOL	0.195
ISOPULEGOL	ND
CIS-NEROLIDOL	ND
3-CARENE	ND
FENCHYL ALCOHOL	ND
HEXAHYDROTHYMOL	0.889
EUCALYPTOL	ND
ISOBORNEOL	ND
FARNESENE	0.076
FENCHONE	ND
GAMMA-TERPINENE	ND
GERANIOL	ND
GERANYL ACETATE	ND
GUAIOL	0.084
LIMONENE	ND
LINALOOL	ND
NEROL	ND
OCIMENE	ND
ALPHA-PHELLANDRENE	ND
PULEGONE	ND
SABINENE	ND
SABINENE HYDRATE	ND

**TEST RESULT (%)**

**Terpenes**

TERPINEOL	ND
TERPINOLENE	ND
TRANS-CARYOPHYLLENE	2.974
TRANS-NEROLIDOL	ND
VALENCENE	ND

**TEST RESULT (%)**




**Terpenes**

**TESTED**

<b>Analyst</b>	<b>Weight</b>	<b>Sample Prep :</b>	<b>Extracted By :</b>
585	1.0506g	2019-10-1605:10:15	585

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -DA007192**

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
	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** 9.427

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**Harvest/LOT ID: N/A,**
**Batch# : 19080**
**Sample Size : 30 ml**
**Ordered : 10/11/19**
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**Completed : 10/22/19**
**Expires : 10/22/20**
**Sample Method : SOP Client Method**
**4**

**Pesticides**
**PASSED**

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

	<b>Pesticides</b>	<b>PASSED</b>
<b>Analyst</b> 795	<b>Weight</b> 1.0163g	<b>Sample Prep :</b> 2019-10-16 02:10:13
<b>Analysis Method -SOP.T.30.065, SOP.T.40.065</b>		<b>Extracted By :</b> 1082
<b>Analytical Batch - DA007194</b>		
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
	10	

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**Jorge Segredo**  
 Lab Director  
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**Harvest/LOT ID: N/A,**
**Batch# :** 19080

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**Completed :** 10/22/19

**Expires :** 10/22/20

**Sample Method :** SOP Client Method

**5**



**Residual Solvents**
PASSED



**Residual Solvents**
PASSED

SOLVENT	ACTIONLEVEL (PPM)	PASS/FAIL	RESULT
PROPANE		PASS	ND
BUTANES (N-BUTANE)		PASS	ND
ETHYLENE OXIDE		PASS	ND
METHANOL		PASS	ND
ETHANOL		PASS	ND
PENTANES (N-PENTANE)		PASS	ND
ETHYL ETHER		PASS	ND
ACETONE		PASS	ND
2-PROPANOL		PASS	ND
ACETONITRILE		PASS	ND
METHYLENE CHLORIDE		PASS	ND
N-HEXANE		PASS	ND
ETHYL ACETATE		PASS	ND
BENZENE		PASS	ND
HEPTANE		PASS	ND
TOLUENE		PASS	ND
CHLOROFORM		PASS	ND
1,2-DICHLOROETHANE		PASS	ND
TRICHLOROETHYLENE		PASS	ND
1,1-DICHLOROETHENE		PASS	ND
TOTAL XYLENES		PASS	ND

<b>Analyst</b> 850	<b>Weight</b> 0.0215g	<b>Sample Prep :</b> 2019-10-16 04:10:59	<b>Extracted By :</b> 850
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**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA007223**

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
	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).

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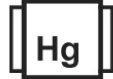
**Completed :** 10/22/19

**Expires :** 10/22/20

**Sample Method :** SOP Client Method

**6**



PASSED


PASSED

**Analyte Result Action Level**

AFLATOXIN G2	ND
AFLATOXIN G1	ND
AFLATOXIN B2	ND
AFLATOXIN B1	ND
OCHRATOXIN A+	ND
TOTAL AFLATOXINS	0.000

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA007196**


PASSED

**Analyte**

ASPERGILLUS_FLAVUS
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_NIGER
ASPERGILLUS_TERREUS
ESCHERICHIA_COLI_SHIGELLA_SPP
SALMONELLA_SPECIFIC_GENE

**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.

**Reagent Dilution Consums. ID**

50

**Metal Result Action Level**

ARSENIC	ND
CADMIUM	ND
LEAD	ND
MERCURY	ND

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA007187**

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.

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 Lab Director

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