



Certificate of Analysis

SAMPLE:DA90904015-111

Batch#: 19070

Sample Size: 15 ml

Ordered : 09/03/19

Sampled : 09/03/19

Completed: 10/04/19 Expires: 10/04/20

Sampling Method: SOP Client Method

Oct 04, 2019 | YOUR COMPANY
1234 Main Street
HomeTown USA



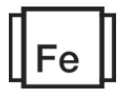
YOUR COMPANY
YOUR COMPANY SLOGAN

PASSED

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

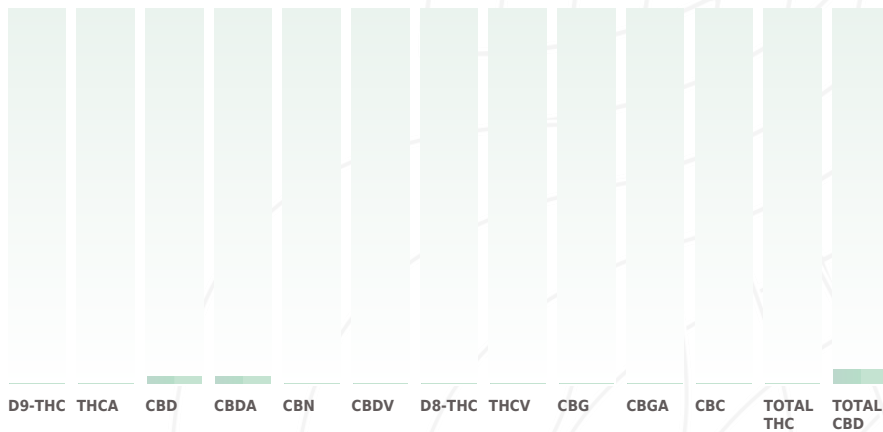


Total THC
0.017%
THC/Container :22.06 mg



Total CBD
1.664%
CBD/Container :498.00 mg

ND	0.020%	0.876%	0.899%	ND	ND	ND	ND	ND	0.011%	0.042%	0.017%	1.664%
ND	0.200 mg	8.760 mg	8.990 mg	ND	ND	ND	ND	ND	0.110 mg	0.420 mg	0.170 mg	16.640 mg



Filtration PASSED

Analyte	Weight	Sample Prep :	Extracted By :
584	1g	NA	NA

Analysis Method -

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

Cannabinoid Profile Test

Analyst 372	Weight 3.0235g	Sample Prep : 2019-09-04 03:09:03	Extracted By : 574
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Analysis Method -SOP.T.40.020, SOP.T.30.050
Analytical Batch -DA006057

Reagent	Dilutaion	Consums. ID
090319.R02	40	76124-662
090419.R01		SFN-BX-1025
083019.R02		849C4-849AK
083019.R01		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).

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Jorge Segredo
Lab Director

State Licence # n/a
ISO Accreditation # 97164



Signature

10/04/2019

Signed On



Certificate of Analysis

PASSED

YOUR COMPANY
1234 Main Street
HomeTown USA

Sample : DA90904015-111,
Harvest/LOT ID: N/A,

Batch# : 123456
Sample Size : 15 ml
Ordered : 09/03/19

Sampled : 09/03/19
Completed : 10/04/19 Expires : 10/04/20
Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes

ALPHA-CEDRENE	ND
ALPHA-HUMULENE	0.063
ALPHA-PINENE	4.431
ALPHA-TERPINENE	ND
BETA-MYRCENE	ND
BETA-PINENE	ND
BORNEOL	ND
CAMPHENE	0.020
CAMPHOR	ND
CARYOPHYLLENE OXIDE	0.032
CEDROL	ND
ALPHA-BISABOLOL	0.108
ISOPULEGOL	ND
CIS-NEROLIDOL	ND
3-CARENE	ND
FENCHYL ALCOHOL	ND
HEXAHYDROTHYMOL	0.921
EUCALYPTOL	ND
ISOBORNEOL	ND
FARNESENE	0.193
FENCHONE	ND
GAMMA-TERPINENE	ND
GERANIOL	ND
GERANYL ACETATE	ND
GUAJOL	0.020
LIMONENE	2.516
LINALOOL	ND
NEROL	ND
OCIMENE	ND
ALPHA-PHELLANDRENE	ND
PULEGONE	0.020
SABINENE	ND
SABINENE HYDRATE	ND

TEST RESULT (%)



Terpenes

TERPINEOL	ND
TERPINOLENE	ND
TRANS-CARYOPHYLLENE	2.548
TRANS-NEROLIDOL	ND
VALENCENE	ND

TEST RESULT (%)





Terpenes

TESTED

Analyst 585 Weight 1.0942g Sample Prep : 2019-09-04 03:09:52 Extracted By : 585

Analysis Method -SOP.T.40.090
Analytical Batch -DA006024

Reagent	Dilutaion	Consums. ID
082919.R09	10	180711
090319.R04		SFN-BX-1025
		923C4-923AK
		910C6 - 910H

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 10.876

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Lab Director

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ISO Accreditation # 97164



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Certificate of Analysis

PASSED

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Sample : DA90904015-111,
Harvest/LOT ID: N/A,

Batch# : 123456
Sample Size : 15 ml
Ordered : 09/03/19

Sampled : 09/03/19
Completed : 10/04/19 Expires : 10/04/20
Sample Method : SOP Client Method

3



Pesticides

PASSED

Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
DIMETHOATE	0.010	0.05	ppm	ND	METHIOCARB	0.010	0.05	ppm	ND
ABAMECTIN B1A	0.020	0.1	ppm	ND	METHOMYL	0.010	0.1	ppm	ND
PENTACHLORONITROBENZENE	0.010	0.2	ppm	ND	DIAZANON	0.010	0.05	ppm	ND
METHYL PARATHION	0.050	0.2	ppm	ND	MEVINPHOS	0.010	0.05	ppm	ND
CYFLUTHRIN	0.050	1	ppm	ND	MYCLOBUTANIL	0.010	0.1	ppm	ND
CIS-PERMETHRIN	0.050	0.1	ppm	ND	NALED	0.010	0.25	ppm	ND
ACEPHATE	0.010	0.1	ppm	ND	OXAMYL	0.010	0.25	ppm	ND
DIMETHOMORPH	0.005	0.05	ppm	ND	PACLOBUTRAZOL	0.010	0.05	ppm	ND
ETHOPROPHOS	0.010	0.05	ppm	ND	TRANS-PERMETHRIN	0.050	0.1	ppm	ND
ACEQUINOCYL	0.050	0.1	ppm	ND	PHOSMET	0.010	0.1	ppm	ND
ACETAMIPRID	0.010	0.05	ppm	ND	PIPERONYL BUTOXIDE	0.010	3	ppm	0.030
ETOFENPROX	0.010	0.05	ppm	ND	PRALLETHRIN	0.050	0.1	ppm	ND
ALDICARB	0.020	0.05	ppm	ND	PROPICONAZOLE	0.010	0.1	ppm	ND
ETOXAZOLE	0.010	0.05	ppm	ND	PROPOXUR	0.010	0.1	ppm	ND
AZOXYSTROBIN	0.010	0.05	ppm	ND	PYRETHRIN I	0.010	0.5	ppm	ND
FENHEXAMID	0.010	0.1	ppm	ND	PYRIDABEN	0.010	0.2	ppm	ND
BIFENAZATE	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN A)	0.010	0.1	ppm	ND
FENOXYCARB	0.010	0.05	ppm	ND	SPINOSAD (SPINOSYN D)	0.010	0.1	ppm	ND
FENPYROXIMATE	0.010	0.5	ppm	ND	SPIROMESIFEN	0.010	0.1	ppm	ND
BIFENTHRIN	0.010	0.1	ppm	ND	SPIROTETRAMAT	0.020	0.1	ppm	ND
CARBARYL	0.010		ppm	ND	SPIROXAMINE	0.010	0.05	ppm	ND
FIPRONIL	0.020	0.05	ppm	ND	TEBUCONAZOLE	0.010	0.05	ppm	ND
FLONICAMID	0.010	0.4	ppm	ND	THIACLOPRID	0.010	0.05	ppm	ND
CARBOFURAN	0.010		ppm	ND	THIAMETHOXAM	0.010	0.05	ppm	ND
CHLORANTRANILIPROLE	0.010		ppm	ND	TRIFLOXYSTROBIN	0.010	0.1	ppm	ND
FLUDIOXONIL	0.010	0.1	ppm	ND					
HEXYTHIAZOX	0.010	0.25	ppm	ND					
CHLORFENAPYR	0.010	0.05	ppm	ND					
IMAZALIL	0.010	0.05	ppm	ND					
CHLORPYRIFOS	0.010	0.1	ppm	0.028					
IMIDACLOPRID	0.010	0.1	ppm	ND					
CLOFENTEZINE	0.010	0.2	ppm	ND					
KRESOXIM-METHYL	0.010	0.1	ppm	ND					
COUMAPHOS	0.005	0.05	ppm	ND					
MALATHION	0.010	0.05	ppm	ND					
CYPERMETHRIN	0.020	0.5	ppm	ND					
DAMINOZIDE	0.020	0.5	ppm	ND					
METALAXYL	0.010	0.05	ppm	ND					
DICHLORVOS	0.050	0.1	ppm	ND					



Pesticides

PASSED

Analyst: 56 Weight: 1.0405g Sample Prep: 2019-09-05 02:09:15 Extracted By: 56

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA006086

Reagent Dilutaion Consums. ID

SOP.T.30.065, SOP.T.40.065

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Jorge Segredo
Lab Director

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ISO Accreditation # 97164



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PASSED

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HomeTown USA

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Harvest/LOT ID: N/A,

Batch# : 123456
Sample Size : 15 ml
Ordered : 09/03/19


Sampled : 09/03/19
Completed : 10/04/19 Expires : 10/04/20
Sample Method : SOP Client Method

4



Residual Solvents

PASSED



Residual Solvents

PASSED


SOLVENT	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
1,2-DICHLOROETHANE	2	PASS	ND
1,1-DICHLOROETHENE	8	PASS	ND
1,4-DIOXANE		PASS	ND
2-BUTANOL		PASS	ND
2-ETHOXYETHANOL		PASS	ND
2-PROPANOL	500	PASS	ND
ACETONE	750	PASS	ND
ACETONITRILE	60	PASS	ND
BENZENE	1	PASS	ND
BUTANES (ISO-BUTANE)	2000	PASS	ND
BUTANES (N-BUTANE)	2000	PASS	ND
CHLOROFORM	2	PASS	ND
ETHANOL	5000	PASS	2158.223
ETHYL ACETATE	400	PASS	ND
CYCLOHEXANE		PASS	ND
DICHLOROMETHANE		PASS	ND
ETHYL ETHER	500	PASS	ND
ETHYLENE OXIDE	5	PASS	ND
ETHYLBENZENE		PASS	ND
HEPTANE	500	PASS	ND
HEXANES (2,2-DIMETHYLBUTANE)	60	PASS	ND
HEXANES (2,3-DIMETHYLBUTANE)	60	PASS	ND
HEXANES (2-METHYLPENTANE)	60	PASS	ND
HEXANES (3-METHYLPENTANE)	60	PASS	ND
ISOPROPYL ACETATE		PASS	ND
METHYLENE CHLORIDE	125	PASS	ND
METHANOL	250	PASS	ND
N-HEXANE	60	PASS	ND
PENTANES (ISO-PENTANE)		PASS	ND
PENTANES (N-PENTANE)	750	PASS	ND
PENTANES (NEO-PENTANE)		PASS	ND
PROPANE	2100	PASS	ND
TETRAHYDROFURAN		PASS	ND
TOLUENE	150	PASS	ND
TOTAL XYLENES	150	PASS	ND
TRICHLOROETHYLENE	25	PASS	ND

Analyst : 850 Weight : .0221g Sample Prep : 2019-09-04 02:09:14 Extracted By : 850

Analysis Method -SOP.T.40.032
Analytical Batch -DA006056

Reagent	Dilutaion	Consums. ID
	1	00268767 161040-1 24151940

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).



Heavy Metals

PASSED

Reagent	Dilutaion	Consums. ID
082919.R01 082919.R02 090419.R02 082719.R02 090419.R03 082919.R06	50	

Metal	Result	Action Level
ARSENIC	ND	0.2
CADMIUM	ND	0.2
LEAD	ND	0.5
MERCURY	0.005	0.1

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA006041

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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Jorge Segredo

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Sample Method : SOP Client Method

5



Mycotoxins

PASSED

Analyte	Result	Action Level
AFLATOXIN_G2	ND	0.02
AFLATOXIN_G1	ND	0.02
AFLATOXIN_B2	ND	0.02
AFLATOXIN_B1	ND	0.02
OCHRATOXIN_A	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA006087



Microbials

PASSED

Analyte	Result
ASPERGILLUS_TERREUS_1J2	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_FLAVUS	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.

Analysis Method -SOP.T.40.043
Analytical Batch -DA006044

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.

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