



Certificate of Analysis

Sample: DA00413010-001
Harvest/Lot ID: 2020
Seed to Sale #N/A
Batch Date :N/A
Batch#: 0503
Sample Size Received: 5 ml
Total Weight/Volume: 5
Retail Product Size: 0.5 gram
Ordered : 04/06/20
sampled : 04/06/20
Completed: 04/23/20
Sampling Method: SOP Client Method

Apr 23, 2020 | Relegated Renegades

1267 Forest Ave Rear Suite #2
Staten Island, NY, 10302, US



PASSED

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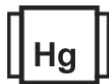
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals Solvents
PASSED



Filtration
PASSED



Water Activity
PASSED



Moisture
PASSED



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.000%
THC/Container :0.000 mg



Total CBD
2.768%
CBD/Container :17.438 mg



Total Cannabinoids
2.768%
Total Cannabinoids/Container :17.438 mg

Filtration PASSED

Analyzed By	Weight	Extraction date	Extracted By
SS4	1g	04/13/20	584
Analyte		LOD	Result
Filtration and Foreign Material		0	ND
Analysis Method -SOP.T.40.013		Batch Date : 04/13/20 11:58:06	
Analytical Batch -DA011623FIL		Reviewed On - 04/13/20 12:00:47	
Instrument Used : Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An S1-2017 Stereo Microscope is used for inspection.

Water Activity PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
Water Activity	584	1g	04/13/20	0.1 aw	0.85aw	0.128aw
Analysis Method -Water Activity		Batch Date : 04/13/20 09:02:52				
SOP.T.40.010		Analytical Batch -DA011601WAT		Reviewed On - 04/13/20 11:32:38		
Instrument Used : DA-028 Rotronic Hygropalm						

Moisture PASSED

Analyte	Analyzed by	Weight	Ext. date	LOD	A.L	Result
Moisture Content	584	0.719g	04/13/20	1%		18.910%
Analysis Method -Moisture		Batch Date : 04/13/20 09:02:38				
Analysis SOP.T.40.011		Analytical Batch -DA011600MOI		Reviewed On - 04/13/20 12:29:41		
Instrument Used : DA-046 Moisture Analyzer						

	TOTAL CA	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
%	2.7679	2.7679	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7679	ND	ND
mg/g	27.6800	27.6800	ND	ND	ND	ND	ND	ND	ND	ND	ND	27.6800	ND	ND
LOD	0.0000	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0001	0.0001	0.0010
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
NA	NA	NA	NA
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 04/14/20 12:21:37	
Analytical Batch -		Instrument Used :	
Reagent		Dilution	
Consumers. ID			

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 License # CMTL-0002
ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164



Signature

04/23/20

Signed On



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PASSED

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Staten Island, NY, 10302, US
Telephone: 8772899987
Email: info@vapebrat.com

Sample : DA00413010-001
Harvest/LOT ID: 2020

Batch# : 0503
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Sample Size Received : 5 ml
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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	0.1	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	0.05	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENAZATE	0.01	ppm	3	ND	SPINETORAM	0.02	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	0.05	ppm	0.5	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORANTRILIPROLE	0.1	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	THIAMETHOXAM	0.05	ppm	1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	ND					
CYPERMETHRIN	0.05	ppm	1	ND					
DIMETHOATE	0.01	ppm	0.1	ND					
DIMETHOMORPH	0.02	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	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
METHYL PARATHION	0.005	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					



Pesticides

PASSED

Analyzed by 585	Weight 1.0115g	Extraction date 04/13/20 02:04:06	Extracted By 1082
<small>Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T.40.070</small>			
<small>Analytical Batch - DA011610PES</small>		<small>Reviewed On- 04/13/20 12:00:47</small>	
<small>Instrument Used : DA-LCMS-001_DER (PES)</small>		<small>Batch Date : 04/13/20 09:35:59</small>	
<hr/>			
Reagent	Dilution	Consums. ID	
<small>072919.19 020720.12 041320.832 041320.833 041320.834</small>	10	<small>180111 280678841</small>	

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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Jorge Segredo
Lab Director



Signature

04/23/20

Signed On

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Sample : DA00413010-001
Harvest/LOT ID: 2020

Batch# : 0503
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Ordered : 04/06/20


Sample Size Received : 5 ml
Total Weight/Volume : 5
Completed : 04/23/20 Expires: 04/23/21
Sample Method : SOP Client Method

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Residual Solvents

PASSED



Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm		PASS	2921.045
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by: 850 Weight: 0.0211g Extraction date: 04/22/20 05:04:28 Extracted By: 850

Analysis Method -SOP.T.40.032
Analytical Batch -DA011881SOL Reviewed On - 04/23/20 16:23:16
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 04/22/20 17:26:21

Reagent	Dilution	Consums. ID
	1	00279984 161291-1 24154107

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS).

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Jorge Segredo
Lab Director



Signature

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PASSED

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Sample : DA00413010-001
Harvest/LOT ID: 2020

Batch# : 0503
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Ordered : 04/06/20


Sample Size Received : 5 ml
Total Weight/Volume : 5
Completed : 04/23/20 Expires: 04/23/21
Sample Method : SOP Client Method

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Microbials

PASSED



Mycotoxins

PASSED

Analyte	LOD	Result	Action Level (cfu/g)
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.	
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	

Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041
Analytical Batch -DA011665MIC Batch Date : 04/14/20
Instrument Used :
Running On :

Analyzed by	Weight	Extraction date	Extracted By
513	1.0547g	04/15/20	513

Reagent	Consums. ID
012120.06	4603475C 914C4-914AK 190611634

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. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

Analyte	LOD	Units	Result	Action Level (PPM)
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

Analysis Method -SOP.T.30.065, SOP.T.40.065
Analytical Batch -DA011611 | Reviewed On - 04/14/20 16:31:37
Instrument Used : DA-LCMS-001_DER (MYC)
Running On :
Batch Date : 04/13/20 09:37:30

Analyzed by	Weight	Extraction date	Extracted By
585	1g	04/13/20 04:04:21	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.



Heavy Metals

PASSED

Reagent	Reagent	Dilution	Consums. ID
040720.R10	041320.R02	50	106557-04-091619
041020.R13	041320.R01		
111319.05	033120.R12		
042020.R01			
041320.R04			
041320.R03			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	0.473	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
53	0.2536g	04/13/20 01:04:22	457

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA011608HEA | Reviewed On - 04/14/20 08:09:40
Instrument Used : DA-ICPMS-001
Running On :
Batch Date : 04/13/20 09:11:53

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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