



Certificate of Analysis

Sample: DA00624010-012
Harvest/Lot ID: 2020
Seed to Sale #N/A
Batch Date : N/A
Batch#: 0629
Sample Size Received: 5.0 ml
Total Weight/Volume: 0.5 ml
Retail Product Size: 0.5 gram
Ordered : 06/19/20
sampled : 06/19/20
Completed: 07/06/20
Sampling Method: SOP Client Method
PASSED

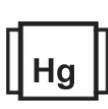
Page 1 of 4

Jul 06, 2020 | Relegated Renegades

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

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
NOT TESTED**
CANNABINOID RESULTS

Total THC
0.000%
THC/Container : 0.000 mg

Total CBD
2.580%
CBD/Container : 16.254 mg

Total Cannabinoids
2.580%
**Total Cannabinoids/Container
: 16.254 mg**

	TOTAL CA	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	DB-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
%	2.5800	2.5800	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5800	ND	ND
mg/g	25.8000	25.8000	ND	ND	ND	ND	ND	ND	ND	ND	ND	25.8000	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
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

	Filtration	
	PASSED	

Analyzed By	Weight	Extraction date	Extracted By	NA
457	1g	NA	965	Result
Analysis				ND
Filtration and Foreign Material				
Analysis Method - SOP.T.40.013		Batch Date : 06/25/20 08:07:00		
Analytical Batch - DA013425FIL		Reviewed On - 06/26/20 11:24:38		
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 SH-28/T Stereo Microscope is used for inspection.

Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.1003g	06/25/20 11:06:09	965
Analysis Method - SOP.T.40.020, SOP.T.30.050		Reviewed On - 06/29/20 01:46:37	Batch Date : 06/25/20 09:54:57
Analytical Batch - DA013444POT		Instrument Used : DA-LC-003	

Reagent	Dilution	Consumers. ID
042120.18	400	280678841
062420.R03		918C4-918J
062420.R02		914C4-914AK
		929C6-929H

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

07/06/20

Signed On



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PASSED

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

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Sample Method : SOP Client Method

Page 2 of 4



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEPHATE	0.01	ppm	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPOXUR	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN I	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRIN II	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINETORAM	0.02	PPM	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DIMETHOMORPH	0.02	ppm	3	ND	CHLORDANE *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.2	ND
ETOFENPROX	0.01	ppm	0.1	ND	* PARATHION-METHYL *	0.01	PPM	0.1	ND
ETOXAZOLE	0.01	ppm	1.5	ND	CAPTAN *	0.025	PPM	3	ND
FENHEXAMID	0.01	ppm	3	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
FENOXYCARB	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	1	ND
FENPYROXIMATE	0.01	ppm	2	ND	CYPERMETHRIN *	0.01	PPM	1	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					
PIPERONYL BUTOXIDE	0.1	ppm	3	ND					



Pesticides

PASSED

Analyzed by 585 , 1665	Weight 1.0658g	Extraction date 06/25/20 05:06:04	Extracted By 585 , 1665
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			
Analytical Batch - DA013435PES , DA013605VOL		Reviewed On -06/26/20 11:24:38	
Instrument Used : DA-LCMS-001_DER (PES) , DA-GCMS-001		Batch Date : 06/25/20 09:39:34	
Running On :			
Reagent	Dilution	Consums. ID	
062420.R01	10	280678841	
062320.R20		76262-590	
061920.R19			
061720.R03			
050820.01			
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

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


 Signature

07/06/20

Signed On



Certificate of Analysis

PASSED

 1267 Forest Ave Rear Suite #2
 Staten Island, NY, 10302, US
Telephone: 8772899987
Email: info@vapebrat.com

Sample : DA00624010-012
Harvest/LOT ID: 2020
Batch# : 0629
Sampled : 06/19/20
Ordered : 06/19/20
Sample Size Received : 5.0 ml
Total Weight/Volume : 0.5 ml
Completed : 07/06/20 Expires: 07/06/21
Sample Method : SOP Client Method

Page 3 of 4

	Residual Solvents	PASSED
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	Residual Solvents	PASSED
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Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	3053.436
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by 850	Weight 0.0208g	Extraction date 07/03/20 06:07:06	Extracted By 850
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Analysis Method -SOP.T.40.032
Analytical Batch -DA013565SOL
Reviewed On - 07/06/20 11:00:36
Instrument Used : DA-GCMS-002
Running On :
Batch Date : 06/30/20 14:55:28

Reagent	Dilution	Consums. ID
	1	H2017.077 00279984 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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Sampled : 06/19/20
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Sample Size Received : 5.0 ml
Total Weight/Volume : 0.5 ml
Completed : 07/06/20 Expires: 07/06/21
Sample Method : SOP Client Method

Page 4 of 4

	Microbials	PASSED
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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 -DA013440MIC Batch Date : 06/25/20
Instrument Used : PathogenDX PCR_Array Scanner DA-111,PathogenDX PCR_DA-010
Running On :

Analyzed by	Weight	Extraction date	Extracted By
513	1.0283g	06/25/20	1082

Reagent Reagent Reagent Reagent Consums. ID Consums. ID

052620.16	052720.167	052720.141	052720.241	181019-274	19323
101519.12	052720.99	052720.47	052720.243	SG298A	190827060
052720.189	052720.126	052720.56		181207119C	850C6-850H
052720.208	052720.230	052720.267		918C4-918J	
022120.229	052720.231	052720.72		914C4-914AK	
052720.151	052720.148	061920.38		50AX30819	

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.

	Mycotoxins	PASSED
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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 -DA013437MYC | Reviewed On - 07/02/20 11:34:54
Instrument Used : DA-LCMS-001_DER (MYC)
Running On :
Batch Date : 06/25/20 09:40:42

Analyzed by	Weight	Extraction date	Extracted By
585	1g	06/25/20 05:06:44	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 <20ug/Kg.

	Heavy Metals	PASSED
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Reagent	Reagent	Dilution	Consums. ID
062320.R17	062320.R01	100	89401-566
030920.02	062320.R02		
062220.R02	062320.R03		
061220.R02	061520.R05		
062220.R04			
062320.R04			

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	ND	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by	Weight	Extraction date	Extracted By
457	0.2561g	06/25/20 12:06:08	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA013423HEA | Reviewed On - 06/26/20 15:35:17
Instrument Used : DA-ICPMS-002
Running On :
Batch Date : 06/25/20 08:03:05

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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