



Certificate of Analysis

May 07, 2020 | Relegated Renegades

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



Sample: DA00504004-006

Harvest/Lot ID: 2020

Seed to Sale #N/A

Batch Date :N/A

Batch#: 0433

Sample Size Received: 5 ml

Total Weight/Volume: 0.5

Retail Product Size: 0.5 gram

Ordered : 04/28/20

sampled : 04/28/20

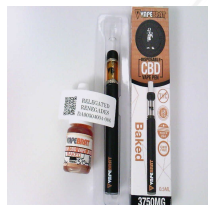
Completed: 05/07/20

Sampling Method: SOP Client Method

PASSED

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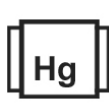
PRODUCT IMAGE



SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
NOT TESTED



Moisture
NOT TESTED



Terpenes
NOT TESTED

CANNABINOID RESULTS



Total THC

0.000%

THC/Container :0.000 mg



Total CBD

11.168%

CBD/Container :70.358 mg



Total Cannabinoids

11.168%

Total Cannabinoids/Container
:70.358 mg

	TOTAL CA	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	DB-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
%	11.1679	11.1679	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.1679	ND	ND
mg/g	111.6790	111.6790	ND	ND	ND	ND	ND	ND	ND	ND	ND	111.6800	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
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

	Filtration	
	PASSED	

Analyzed By	Weight	Extraction date	Extracted By
SS4	1g	05/04/20	SS4
Analyte	LOD	Batch Date	Result
Filtration and Foreign Material	0	05/04/20 15:00:35	ND
Analysis Method -SOP.T.40.013		Reviewed On - 05/04/20 15:05:46	
Analytical Batch -DA012155FIL			
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 :
1224	0.1129g	05/04/20 09:05:02	965
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 05/05/20 14:33:31	Batch Date : 05/04/20 09:39:29
Analytical Batch -DA012139POT		Instrument Used : DA-LC-003 CBD	

Reagent	Dilution	Consums. ID
032320.25	400	280678841 914C4-914AK

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

05/07/20

Signed On



Certificate of Analysis

PASSED

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

Sample : DA00504004-006
Harvest/LOT ID: 2020
Batch# : 0433
Sampled : 04/28/20
Ordered : 04/28/20
Sample Size Received : 5 ml
Total Weight/Volume : 0.5
Completed : 05/07/20 Expires: 05/07/21
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	PYRETHRIN I	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRETHRIN II	0.01	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	PYRIDABEN	0.02	ppm	3	ND
BOSCALID	0.01	PPM	3	ND	SPINETORAM	0.02	PPM	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROMESIFEN	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TEBUCONAZOLE	0.01	ppm	1	ND
COUMAPHOS	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CYPERMETHRIN	0.05	ppm	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					
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 1.0088g	Extraction date 05/04/20 11:05:56	Extracted By 1082
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 - DA012141PES			
Instrument Used : DA-LCMS-001_DER (PES)		Reviewed On - 05/04/20 15:05:46	
Running On :		Batch Date : 05/04/20 10:19:16	
Reagent	Dilution	Consums. ID	
041420.10 050420.029 050420.030 050420.032 041720.03	10	280678841 76262-590	
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

05/07/20

Signed On



Certificate of Analysis

PASSED

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

Sample : DA00504004-006

Harvest/LOT ID: 2020

Batch# : 0433

Sampled : 04/28/20

Ordered : 04/28/20

Sample Size Received : 5 ml

Total Weight/Volume : 0.5

Completed : 05/07/20 **Expires:** 05/07/21

Sample Method : SOP Client Method

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	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	ND
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	Weight	Extraction date	Extracted By
850	0.0270g	05/05/20 04:05:20	850
Analysis Method -SOP.T.40.032 Analytical Batch -DA012191SOL Instrument Used : DA-GCMS-002 Running On : Batch Date : 05/05/20 14:46:00			
Reviewed On - 05/07/20 11:33:08			

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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Sample : DA00504004-006
Harvest/LOT ID: 2020
Batch# : 0433
Sampled : 04/28/20
Ordered : 04/28/20
Sample Size Received : 5 ml
Total Weight/Volume : 0.5
Completed : 05/07/20 Expires: 05/07/21
Sample Method : SOP Client Method

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	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 -DA012136MIC Batch Date : 05/04/20
Instrument Used : PathogenDX PCR_Array Scanner DA-111,PathogenDX PCR_DA-013
Running On :

Analyzed by	Weight	Extraction date	Extracted By
513	1.0363g	05/04/20	1082

Reagent	Reagent	Reagent	Consums. ID	Consums. ID
022520.09	013120.363	032720.110	181019-274	50AX26219
101619.04	022120.232	022120.274	SG298A	19323
022120.67	022120.285	032720.76	181207119C	23819111
022120.26	022120.296	032720.149	918C4-918J	190611634
022120.185	032720.77	032720.49	914C4-914AK	
022120.51	032720.140	032720.55	929C6-929H	

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 -DA012142 | Reviewed On - 05/06/20 10:28:23
Instrument Used : DA-LCMS-001_DER (MYC)
Running On :
Batch Date : 05/04/20 10:19:35

Analyzed by	Weight	Extraction date	Extracted By
585	1g	05/04/20 05:05:32	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 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
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Reagent	Reagent	Dilution
050420.R01	101819.07	100
042720.R02	030920.01	
042720.R03	040120.01	
041320.R03		
042920.R13		
041320.R01		

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
53	0.2513g	05/04/20 01:05:49	1022

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -DA012144HEA | Reviewed On - 05/05/20 09:34:35
Instrument Used : DA-ICPMS-001
Running On :
Batch Date : 05/04/20 10:25:01

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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