



Certificate of Analysis

Sep 08, 2020 | Creating Better Days

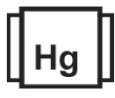
6520 West Sunrise Blvd,
Plantation, Florida, 33313


Sample: M000903028-001
Harvest/Lot ID: 0920001021
Seed to Sale #: N/A
Batch Date: N/A
Batch#: 0920001021
Sample Size Received: 18 ml
Retail Product Size: 18 ml
Ordered: 09/03/20
Sampled: 09/03/20
Completed: 09/08/20 Expires: 09/08/21
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

Filth
PASSED

Water Activity
NOT TESTED

Moisture
NOT TESTED

Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS


Total THC
0.000%

THC/Container :0.000 mg


Total CBD
3.791%

CBD/Container :634.613 mg


Total Cannabinoids
3.804%
Total Cannabinoids/Container
:636.790 mg

Filth
PASSED

Analyzed By 9 **Weight** NA **Extraction date** NA **LOD(ppm)** NA **Extracted By** NA
Analysis Method -SOP.T.40.013 **Batch Date** :
Analytical Batch -NA **Reviewed On** - 09/04/20 13:19:52
Instrument Used :

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.

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
ND	ND	3.791%	ND	ND	ND	ND	0.013%	ND	ND	ND
ND	ND	37.910 mg/g	ND	ND	ND	ND	0.130 mg/g	ND	ND	ND
LOD 0.0001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by 19 **Weight** 2.9972g **Extraction date** : 09/03/20 06:09:22 **Extracted By** : 19

Analysis Method -SOP.T.40.020, SOP.T.30.050 **Reviewed On** - 09/04/20 16:01:40
Analytical Batch -M0001027POT **Instrument Used** : HPLC Potency Analyzer **Batch Date** : 09/03/20 18:30:09

Reagent **Dilution** 40 **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). Measurement of Uncertainty: 2.7%

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

David Greene
Lab Director

State License # 19-05-02P
 ISO Accreditation #
 17025:2017 #97164


 Signature

09/08/2020

Signed On



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PASSED

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Telephone: 7275604193

Email: Danny@tdslabs.com

Sample : M000903028-001

Harvest/LOT ID: 0920001021

Batch# : 0920001021

Sampled : 09/03/20

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Sample Size Received : 18 ml

Completed : 09/08/20 Expires: 09/08/21

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	0.020	ppm	0.5	ND	PRALLETHRIN	0.050	ppm	0.2	ND
ACEPHATE	0.010	ppm	0.5	ND	PROPICONAZOLE	0.010	ppm	0.4	ND
ACEQUINOCYL	0.02	ppm	2	ND	PROPOXUR	0.010	ppm	0.2	ND
ACETAMIPRID	0.010	ppm	0.2	ND	PYRETHRIN I	0.010	ppm	1	ND
ALDICARB	0.020	ppm	0.4	ND	PYRIDABEN	0.005	ppm	0.2	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND	SPINETORAM	0.005	ppm	0.5	ND
BIFENAZATE	0.010	ppm	0.2	ND	SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND	SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND	SPIROMESIFEN	0.010	ppm	0.2	ND
CARBARYL	0.010	ppm	0.2	ND	SPIROTETRAMAT	0.020	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND	SPIROXAMINE	0.010	ppm	0.4	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND	TEBUCONAZOLE	0.010	ppm	0.4	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND	THIACLOPRID	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND	THIAMETHOXAM	0.010	ppm	0.5	ND
COUMAPHOS	0.005	ppm	0.2	ND	TRIFLOXYSTROBIN	0.010	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND					
DAMINOZIDE	0.010	ppm	1	ND					
DIAZANON	0.010	ppm	0.2	ND					
DICHLORVOS	0.050	ppm	0.1	ND					
DIMETHOATE	0.010	ppm	0.2	ND					
DIMETHOMORPH	0.005	ppm	0.1	ND					
ETHOPROPHOS	0.010	ppm	0.2	ND					
ETOXAZOLE	0.010	ppm	0.2	ND					
FENHEXAMID	0.005	ppm	0.1	ND					
FENOXYCARB	0.010	ppm	0.2	ND					
FENPYROXIMATE	0.010	ppm	0.4	ND					
FIPRONIL	0.020	ppm	0.4	ND					
FLONICAMID	0.010	ppm	1	ND					
FLUDIOXONIL	0.010	ppm	0.4	ND					
HEXYTHIAZOX	0.010	ppm	1	ND					
IMAZALIL	0.010	ppm	0.2	ND					
IMIDACLOPRID	0.010	ppm	0.4	ND					
KRESOXIM-METHYL	0.010	ppm	0.4	ND					
MALATHION	0.010	ppm	0.2	ND					
METALAXYL	0.010	ppm	0.2	ND					
METHIOCARB	0.010	ppm	0.2	ND					
METHOMYL	0.010	ppm	0.6	ND					
MEVINPHOS	0.010	ppm	0.1	ND					
MYCLOBUTANIL	0.010	ppm	0.2	ND					
NALED	0.010	ppm	0.5	ND					
OXAMYL	0.010	ppm	1	ND					
PACLOBUTRAZOL	0.010	ppm	0.4	ND					
PERMETHRINS	0.050	ppm	1	ND					
PHOSMET	0.010	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.010	ppm	3	ND					



Pesticides

PASSED

Analyzed by 9	Weight 1.0300g	Extraction date 09/04/20 01:09:39	Extracted By 9
Analysis Method - SOP.T.30.060, SOP.T.40.060 , Analytical Batch - MO001032PES Instrument Used : LCMSMS 8060 P Batch Date : 09/04/20 12:58:32		Reviewed On- 09/04/20 13:19:52	
Reagent	Dilution	Consums. ID	
025010.04		03-339-238	
103019.37		03-339-230	
103019.35		190428060	
103019.33		04272019	
103019.31			
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS). *			



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Harvest/LOT ID: 0920001021

Batch# : 0920001021

Sampled : 09/03/20

Ordered : 09/03/20

Sample Size Received : 18 ml

Completed : 09/08/20 Expires: 09/08/21

Sample Method : SOP Client Method

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Residual Solvents

PASSED


Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
TRICHLOROETHENE	3	ppm	80	PASS	ND
CHLOROFORM	0.24	ppm	60	PASS	ND
1,2-DICHLOROETHENE	0.24	ppm	1870	PASS	ND
1,1-DICHLOROETHENE	2	ppm	8	PASS	ND
PENTANES	90	ppm	2500	PASS	ND
BUTANES (N-BUTANE)	50	ppm	5000	PASS	ND
ACETONITRILE	7.2	ppm	410	PASS	ND
ACETONE	90	ppm	5000	PASS	ND
2-PROPANOL	60	ppm	5000	PASS	ND
HEXANES	6	ppm	290	PASS	ND
XYLENES	18	ppm	2170	PASS	ND
TOLUENE	18	ppm	1068	PASS	ND
PROPANE	80	ppm	5000	PASS	ND
METHANOL	30	ppm	3000	PASS	ND
HEPTANE	60	ppm	5000	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYLENE OXIDE	0.6	ppm	50	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYL ETHER	60	ppm	5000	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYL ACETATE	48	ppm	5000	PASS	ND
ETHANOL	120	ppm	5000	PASS	ND
DICHLOROMETHANE	15	ppm	600	PASS	ND

Analyzed by	Weight	Extraction date	Extracted By
18	0.045g	09/03/20 03:09:50	18

Analysis Method -SOP.T.40.032

Analytical Batch -M0001022SOL

Reviewed On - 09/04/20 09:39:05

Instrument Used : GCMS2010

Batch Date : 09/03/20 15:44:35

Reagent	Dilution	Consums. ID
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Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).



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Sample : M000903028-001

Harvest/LOT ID: 0920001021

Batch# : 0920001021

Sampled : 09/03/20

Ordered : 09/03/20


Sample Size Received : 18 ml

Completed : 09/08/20 Expires: 09/08/21

Sample Method : SOP Client Method

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	Microbials	PASSED
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	Mycotoxins	PASSED
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Analyte

ASPERGILLUS_TERREUS_1J2
ASPERGILLUS_NIGER
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_FLAVUS
SALMONELLA_SPECIFIC_GENE
ESCHERICHIA_COLI_SHIGELLA_SPP

Result Analyte

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.

LOD

0.001
0.001
0.001
0.001
0.001
0.001

Units

ppm
ppm
ppm
ppm
ppm
ppm

Result

ND
ND
ND
ND
ND
ND

Action Level (PPM)

0.02
0.02
0.02
0.02
0.02
0.02

Analysis Method -SOP.T.40.043

Analytical Batch -NA Batch Date :

Instrument Used :

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

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.

Analysis Method -SOP.T.30.060, SOP.T.40.060

Analytical Batch -M0001034MYC | Reviewed On - 09/08/20 13:40:32

Instrument Used :

Batch Date : 09/04/20 13:01:52

Analyzed by	Weight	Extraction date	Extracted By
9	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

	Heavy Metals	PASSED
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Reagent

110119.52
110119.44
112519.01
110119.36

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	ppm	ND	10
CADMIUM	0.02	ppm	ND	4.1
LEAD	0.02	ppm	ND	10
MERCURY	0.02	ppm	ND	2

Analyzed by	Weight	Extraction date	Extracted By
18	0.509g	09/03/20 04:09:16	18

Analysis Method -SOP.T.40.050, SOP.T.30.052

Analytical Batch -M0001024HEA | Reviewed On - 09/04/20 10:47:14

Instrument Used : ICP-MS 2030

Batch Date : 09/03/20 15:56:06

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. *Action Limits based on Colorado Regulations.

18mL 500mg		Sublingual Tincture		0920001021
Batch Date:		September 2020		
Expiration Date:		September 2022		
Batch Size:		3500		
Total Quantity Produced:		3500		
Ingredients Used:		CBD Isolate, Hemp Seed, Coconut Oil		
Name of Company for Materials:		TDS LABS		
Ingredients Lot #:	0920001152	0920001153	0920001157	