



Certificate of Analysis

Mar 31, 2020 | Lost Coast Wellness

3867 Plaza Tower Dr. 1st floor
Baton Rouge, LA, 70816, US



Sample: DA00213013-013

Harvest/Lot ID: N/A

Seed to Sale #N/A

Batch Date :N/A

Batch#: Batch 1 CBD 500 mg tincture

Sample Size Received: 10 gram

Total Weight/Volume: 30

Retail Product Size: 30 gram

Ordered : 02/04/20

sampled : 02/04/20

Completed: 03/31/20

Sampling Method: SOP Client Method

PASSED

Page 1 of 4

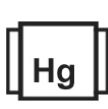
PRODUCT IMAGE



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

0.908%

CBD/Container :272.688 mg



Total Cannabinoids

0.908%

Total Cannabinoids/Container
:272.688 mg

	TOTAL CA	TOTAL CB	TOTAL TH	CBC	CBGA	CBG	THCV	DB-THC	CBDV	CBN	CBDA	CBD	DB-THC	THCA
%	0.9080	0.9080	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9080	ND	ND
mg/g	9.0800	9.0800	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.0800	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
650	1g	02/17/20	650
Analyte			LOD
Filtration and Foreign Material			0
Analysis Method -SOP.T.40.013	Batch Date : 02/17/20 13:35:34		
Analytical Batch -GA010308FIL	Reviewed On - 02/17/20 13:37:20		
Instrument Used : GA-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 :
508	3.0010g	02/17/20 07:02:11	508
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 02/17/20 17:07:53	Batch Date : 02/14/20 13:53:14
Analytical Batch -GA010274POT	Instrument Used : GA-HPLC 2030C Plus		

Reagent	Dilution	Consums. ID
013020.R08	400	280654829
021220.R03		VW-09-1020
021320.R01		6970145500298
		924CD-924C

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).

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.

Rob Bruton
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164


Signature

03/31/20

Signed On



Certificate of Analysis

PASSED

3867 Plaza Tower Dr. 1st floor
Baton Rouge, LA, 70816, US
Telephone: (707) 223-0072
Email: info@lostcoastwellness.com

Sample : DA00213013-013
Harvest/LOT ID: N/A
Batch# : Batch 1 CBD
500 mg tincture

Sampled : 02/04/20

Ordered : 02/04/20

Sample Size Received : 10 gram

Total Weight/Volume : 30

Completed : 03/31/20 **Expires:** 03/31/21

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	OXAMYL	0.05	ppm	0.5	ND
ACEPHATE	0.01	ppm	3	ND	PACLOBUTRAZOL	0.01	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PHOSMET	0.01	ppm	0.2	ND
ACETAMIPRID	0.01	ppm	3	ND	PIPERONYL BUTOXIDE	0.1	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	PRALLETHRIN	0.01	ppm	0.4	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	PROPOXUR	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	PYRETHRINS	0.05	ppm	1	ND
BOSCALID	0.01	PPM	3	ND	PYRIDABEN	0.02	ppm	3	ND
CAPTAN	0.07	ppm	3	ND	SPINETORAM	0.02	PPM	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPIROMESIFEN	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORFENAPYR	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	THIACLOPRID	0.01	ppm	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
COUMAPHOS	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
CYFLUTHRIN	0.05	ppm	1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
CYPERMETHRIN	0.05	ppm	1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DAMINOZIDE	0.01	ppm	0.1	ND					
DIAZANON	0.01	ppm	0.2	ND					
DICHLORVOS	0.01	ppm	0.1	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					



Pesticides

PASSED

Analyzed by 635	Weight 1.0018g	Extraction date 02/14/20 11:02:35	Extracted By 635
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 - GA010255PES		Reviewed On- 02/17/20 13:37:20	
Instrument Used : GA-LCMS			
Running On :		Batch Date : 02/14/20 10:39:18	
Reagent	Dilution	Consums. ID	
02120.817	10	280654829	
021420.802		vav-09-1020	
		6970145500298	
021420.803		00285154	
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.			

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.

Rob Bruton
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164


Signature

03/31/20

Signed On



Certificate of Analysis

PASSED

 3867 Plaza Tower Dr. 1st floor
 Baton Rouge, LA, 70816, US
Telephone: (707) 223-0072
Email: info@lostcoastwellness.com

Sample : DA00213013-013
Harvest/LOT ID: N/A
Batch# : Batch 1 CBD
 500 mg tincture

Sampled : 02/04/20

Ordered : 02/04/20

Sample Size Received : 10 gram

Total Weight/Volume : 30

Completed : 03/31/20 **Expires:** 03/31/21

Sample Method : SOP Client Method

Page 3 of 4

	Residual Solvents	PASSED
--	--------------------------	---------------

	Residual Solvents	PASSED
---	--------------------------	---------------

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND
2-PROPANOL	45	ppm	500	PASS	ND
ACETONE	67.5	ppm	750	PASS	ND
ACETONITRILE	5.4	ppm	60	PASS	ND
BENZENE	0.09	ppm	1	PASS	ND
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND
CHLOROFORM	0.18	ppm	2	PASS	ND
DICHLOROMETHANE	3.75	ppm	125	PASS	ND
ETHANOL	90	ppm		PASS	ND
ETHYL ACETATE	36	ppm	400	PASS	ND
ETHYL ETHER	45	ppm	500	PASS	ND
ETHYLENE OXIDE	0.6	ppm	5	PASS	ND
HEPTANE	45	ppm	5000	PASS	ND
METHANOL	22.5	ppm	250	PASS	ND
N-HEXANE	4.5	ppm	250	PASS	ND
PENTANES (N-PENTANE)	67.5	ppm	750	PASS	ND
PROPANE	120	ppm	5000	PASS	ND
TOLUENE	13.5	ppm	150	PASS	ND
TOTAL XYLENES	13.5	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND

Analyzed by 508	Weight .0218g	Extraction date 02/13/20 02:02:28	Extracted By 508
---------------------------	-------------------------	---	----------------------------

Analysis Method -SOP.T.40.032
Analytical Batch -GA010233SOL **Reviewed On - 02/18/20 17:14:37**
Instrument Used : GA-Headspace GCMS Solvent
Running On :
Batch Date : 02/13/20 14:51:02

Reagent	Dilution	Consums. ID
		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).



Certificate of Analysis

PASSED

Sample : DA00213013-013

Harvest/LOT ID: N/A

Batch# : Batch 1 CBD
500 mg tincture

Sampled : 02/04/20

Ordered : 02/04/20

Sample Size Received : 10 gram

Total Weight/Volume : 30

Completed : 03/31/20 Expires: 03/31/21

Sample Method : SOP Client Method

Page 4 of 4

	Microbials	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 -GA010228MIC Batch Date : 02/13/20

Instrument Used : PathogenDX PCR_Array Scanner

Running On :

Analyzed by	Weight	Extraction date	Extracted By
1175	1.0072g	02/13/20	935

Reagent	Dilution	Consums. ID	Consums. ID	Consums. ID
112019.06	10	P7338273	205805	50AX23319
		A05	207350	2804019
		A03	82003-820	18453
		A04	10025-726	013
		2	010C	SG248A
		205458	022	

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
---	-------------------	---------------

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 -GA010256 | Reviewed On - 02/18/20 17:20:56

Instrument Used : GA-LCMS

Running On :

Batch Date : 02/14/20 10:40:39

Analyzed by	Weight	Extraction date	Extracted By
635	1.0018g	02/14/20 11:02:34	635

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
---	---------------------	---------------

Reagent	Dilution	Consums. ID
012320.R08	50	105576-16
012420.R13		
041519.05		
111519.05		
021320.R12		
021220.R16		

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
973	0.5039g	02/14/20 11:02:53	650

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

Analytical Batch -GA010260HEA | Reviewed On - 02/17/20 16:51:45

Instrument Used : GA-ICPMS 2030

Running On :

Batch Date : 02/14/20 11:32:34

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.

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.

Rob Bruton
Lab Director

State License # CMTL-0001
ISO Accreditation # ISO/IEC
17025:2017 Accreditation
PJLA-Testing 97164


Signature

03/31/20

Signed On