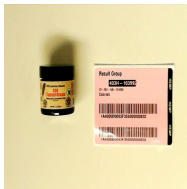


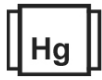


Certificate of Analysis

Sample: DE20311020-013
Harvest/Lot ID: 10006545
Batch#: 10006545
Metrc #: 1A4000D0003F355000000832
Seed to Sale# 1A4000D0003F355000000832
Batch Date: 03/08/22
Sample Size Received: 1 gram
Total Weight/Volume: N/A
Retail Product Size: N/A gram
ordered : 03/08/22
sampled : 03/08/22
Completed: 03/17/22
Sampling Method: SOP-024
PASSED
Page 1 of 5
Mar 17, 2022 | Shaman Botanical Inc
License # 403H-103992

2405 Southwest Blvd,
Kansas City, MO, 64108

PRODUCT IMAGE

SAFETY RESULTS

**Pesticides
PASSED**

**Heavy Metals
PASSED**

**Microbials
PASSED**

**Mycotoxins
NOT TESTED**

**Residuals
Solvents
PASSED**

**Filtration
NOT TESTED**

**Water Activity
NOT TESTED**

**Moisture
NOT TESTED**

**Homogeneity
NOT TESTED**

**Terpenes
TESTED**
CANNABINOID RESULTS

**Total THC
ND**

**Total CBD
1.136%**

**Total Cannabinoids
1.136%**

	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBGA	CBLA	THC-ACETATE
%	ND	ND	ND	1.136	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.002	<0.002	ND	ND	<0.002	ND	ND	ND
ppm	ND	ND	ND	11.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	0	0	0.002	ND	ND	ND	ND	ND
LOD	%	%	%	2.8E-5	1.1E-5	0.002	0.001	1.0E-6	0.000237	0.0148	2.2E-5	0.002	%	%	%	0.0129	0	1.0E-5	0.002	0.001	0.003

Cannabinoid Profile Test
**Analyzed by
1843**
**Weight
1.0352g**
**Extraction date :
03/14/22 05:03:39**
**Extracted By :
1642**
Analysis Method -SOP-020 (R15)
Reviewed On - 03/16/22 08:34:13
Batch Date : 03/14/22 12:26:03
Analytical Batch -DE003129POT
Instrument Used : Agilent 1100 "Falcor" Running On : 03/14/22 17:18:39
Dilution : 40
Reagent : 011322.03; 031122.R13; 031422.R01; 030222.01; 022222.R03; 021422.R16; 031022.R09
Consumables : 24169051; 1154419; 00291464; R1KB34782; 298076054; 12265-115CC-115; 234422; 5079-525C6-525E

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.



Certificate of Analysis

PASSED

Shaman Botanical Inc

 2405 Southwest Blvd,
 Kansas City, MO, 64108
Telephone: 855-427-7386
Email: Corporate@CBDamericanshaman.com
License # : 403H-103992

Sample : DE20311020-013

Harvest/Lot ID: 10006545

Batch# : 10006545

Sampled : 03/08/22

Ordered : 03/08/22

Sample Size Received : 1 gram

Total Weight/Volume : N/A

Completed : 03/17/22 **Expires:** 03/17/23

Sample Method : SOP-024

Page 2 of 5



Terpenes

TESTED

Terpenes	LOD(%)	mg/g	%	Result (%)
ALPHA-PINENE	0.002	ND	ND	
CAMPHENE	0.002	ND	ND	
BETA-PINENE	0.002	ND	ND	
MYRCENE	0.002	ND	ND	
DELTA-3-CARENE	0.002	ND	ND	
ALPHA-TERPINENE	0.002	ND	ND	
P-CYME	0.002	ND	ND	
LIMONENE	0.002	ND	ND	
EUCALYPTOL	0.002	ND	ND	
CIS-OCIMENE	0.002	ND	ND	
GAMMA-TERPINENE	0.002	ND	ND	
TERPINOLENE	0.002	ND	ND	
LINALOOL	0.002	ND	ND	
(-)-ISOPULEGOL	0.002	ND	ND	
BORNEOL	0.002	ND	ND	
MENTHOL	0.002	ND	ND	
ALPHA-TERPINEOL	0.002	ND	ND	
PULEGONE	0.002	ND	ND	
GERANIOL	0.002	ND	ND	
2-ETHYL-FENCHOL	0.002	ND	ND	
BETA-CARYOPHYLLENE	0.002	ND	ND	
HUMULENE	0.002	ND	ND	
BISABOLENE	0.002	ND	ND	
NEROLIDOL	0.002	ND	ND	
(-)-CARYOPHYLLENE OXIDE	0.002	ND	ND	
(-)-GUAJOL	0.002	ND	ND	
(-)-ALPHA-BISABOLOL	0.002	ND	ND	

Total (%) 0

Terpenes LOD(%) mg/g % Result (%)



Terpenes

TESTED

 Analyzed by
1843

 Weight
 1.0352g

 Extraction date
 03/14/22 03:03:49

 Extracted By
 1542

Analysis Method - SOP-067 (R0)

Analytical Batch - DE003131TER

Instrument Used : GC 6890

Running On : 03/14/22 16:58:53

Batch Date : 03/14/22 15:50:47

Reviewed On - 03/16/22 08:08:35

Dilution : 40

Reagent : 031122.R13; 030222.01

Consumables : 24169051; 1154419; 00291464; R1KB34782; 298076054; 12265-115CC-115; 210622-688

Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.



879 Federal Blvd
Denver, CO, 80204, USA

Kaycha Labs

250 Topical Cream

N/A

Matrix : Infused



Certificate of Analysis

PASSED

Shaman Botanical Inc

2405 Southwest Blvd,
Kansas City, MO, 64108
Telephone: 855-427-7386
Email: Corporate@CBDamericanshaman.com
License # : 403H-103992

Sample : DE20311020-013

Harvest/Lot ID: 10006545

Batch# : 10006545

Sampled : 03/08/22

Ordered : 03/08/22

Sample Size Received : 1 gram

Total Weight/Volume : N/A

Completed : 03/17/22 Expires: 03/17/23

Sample Method : SOP-024

Page 3 of 5



Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Pass/Fail	Result
OTHER PESTICIDES	0.1	ppb	100	PASS	ND
AVERMECTINS	0.0271	ppb	70	PASS	ND
AZOXYSTROBIN	0.014	ppb	20	PASS	ND
BIFENAZATE	0.011	ppb	20	PASS	ND
ETOXAZOLE	0.006	ppb	10	PASS	ND
IMAZALIL	0.064	ppb	40	PASS	ND
IMIDACLOPRID	0.007	ppb	20	PASS	ND
MALATHION	0.011	ppb	50	PASS	ND
MYCLOBUTANIL	0.013	ppb	40	PASS	ND
PERMETHRINS	0.0131	ppb	40	PASS	13.664
SPIROMESIFEN	0.049	ppb	30	PASS	ND
SPIROTETRAMAT	0.03	ppb	20	PASS	ND
SPIROSADS	0.0134	ppb	60	PASS	ND
TEBUCONAZOLE	0.01	ppb	10	PASS	ND

Pesticides LOD Units Action Level Pass/Fail Result



Pesticides

PASSED

Analyzed by 1843 Weight 0.1508g Extraction date 03/15/22 03:03:33 Extracted By 1696
Analysis Method - SOP-060 (R5), Analytical Batch : DE003120PES Reviewed On : 03/17/22 11:29:46
Instrument Used : Sciex 6500 Qtrap - Pesticides Batch Date : 03/10/22 15:49:29
Running On :
Dilution : 25
Reagent : 022322.R02; 030922.R07; 021922.R02; 030922.R08; 021622.R11
Consumables : 24169051; 1154419; 00291464; 114CB-114E; 16564-106C6-106H
Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5). *

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 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.

Stephen Goldman

Lab Director

State License # 405R-00011
405-00008
ISO Accreditation # 4331.01

Signature

03/17/22

Signed On



Certificate of Analysis

PASSED

Shaman Botanical Inc

 2405 Southwest Blvd,
 Kansas City, MO, 64108
Telephone: 855-427-7386
Email: Corporate@CBDamericanshaman.com
License # : 403H-103992

Sample : DE20311020-013

Harvest/Lot ID: 10006545

Batch# : 10006545

Sampled : 03/08/22

Ordered : 03/08/22


Sample Size Received : 1 gram


Total Weight/Volume : N/A

Completed : 03/17/22 **Expires:** 03/17/23

Sample Method : SOP-024

Page 4 of 5

<div>  Residual Solvents PASSED </div>					
Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.21421	ppm	1000	PASS	ND
ETHYL ACETATE	2.79218	ppm	1000	PASS	ND
BUTANES	15.794	ppm	1000	PASS	ND
BENZENE	0.47491	ppm	2	PASS	ND
METHANOL	1.27868	ppm	600	PASS	16.683
HEPTANE	3.25945	ppm	1000	PASS	ND
PENTANES	13.828	ppm	1000	PASS	ND
TOLUENE	2.10881	ppm	180	PASS	ND
XYLENES	7.115	ppm	430	PASS	ND
ETHANOL	2.70106	ppm	1000000	PASS	101.277
ACETONE	1.708	ppm	1000	PASS	ND
2-PROPANOL	1.58756	ppm	1000	PASS	156.384
HEXANES	1.92798	ppm	60	PASS	ND

<div>  Residual Solvents PASSED </div>			
Analyzed by 1843	Weight 0.1586g	Extraction date 03/16/22 02:03:48	Extracted By 1253
Analysis Method -SOP-032 (R18) Analytical Batch -DE003135SOL Instrument Used : GC 5890 Running On : Batch Date : 03/15/22 11:00:38		Reviewed On - 03/16/22 16:45:51	

Dilution : 1

Reagent : 030422.R01; 030822.R01

Consumables : 210316-361-B; 24160453; 31726-2-1; 5079-525C6-525E

Residual solvents screening is performed using GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.



Certificate of Analysis

PASSED

Shaman Botanical Inc

 2405 Southwest Blvd,
 Kansas City, MO, 64108
Telephone: 855-427-7386
Email: Corporate@CBDamericanshaman.com
License # : 403H-103992

Sample : DE20311020-013

Harvest/Lot ID: 10006545

Batch# : 10006545

Sampled : 03/08/22

Ordered : 03/08/22

Sample Size Received : 1 gram

Total Weight/Volume : N/A

Completed : 03/17/22 **Expires:** 03/17/23

Sample Method : SOP-024

Page 5 of 5

	Microbials	PASSED
	Heavy Metals	PASSED

Analyte	LOD	Result	Pass / Fail
TOTAL YEAST AND MOLD	100	ND	PASS
SHIGA TOXIN PRODUCING ESCHERICHIA COLI STEC	1	ND	PASS
SALMONELLA SPECIES	1	ND	PASS
MICROBIALS	10	ND	PASS

Analysis Method -SOP-061 (R2); SOP-062 (R2); SOP-063 (R1)
Analytical Batch -DE003130MIC **Batch Date :** 03/14/22 15:47:55
Instrument Used : Microbial - Full Panel
Running On : 03/15/22 09:09:19

Analyzed by	Weight	Extraction date	Extracted By
1843	13.3g	03/14/22 05:03:00	5

Dilution : 1

Reagent : 012822.R06; 021522.R07; 031022.R01; 031022.R07; 031022.R08; 112921.R19; 022122.R11; 101521.R04; 110821.04; 122921.01; 110821.02; 030322.01; 031122.R01; 031122.R12; 031622.R04; 021422.20

Consumables : 16564-106C6-106H; 40898-021C4-021AI; 12265-116CC-116; 210622-688; CBJA91005; 1; NT10-1212; 00104; 01860; CH_2144311; 2

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) methods and plating methods. If a pathogenic Escherichia Coli (STEC) or Salmonella is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Metal	LOD	Unit	Result	Pass / Fail	Action Level
ARSENIC	0.002	ppm	ND	PASS	1.5
CADMIUM	0.001	ppm	ND	PASS	0.5
MERCURY	0.003	ppm	ND	PASS	1
LEAD	0.01	ppm	ND	PASS	1

Analyzed by	Weight	Extraction date	Extracted By
1843	0.2124g	03/15/22 09:03:13	666

Analysis Method -SOP-050 (R5)

Analytical Batch -DE003126HEA | **Reviewed On** - 03/15/22 12:23:45

Instrument Used : Shimadzu 2030 ICP-MS

Running On : | **Batch Date :** 03/11/22 11:39:04

Dilution : 50

Reagent :
Consumables :

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP-050 (R5). Sample preparation for Heavy Metals Analysis via SOP-050 (R5).