

Certificate of Analysis

Mar 08, 2022 | Shaman Botanical Inc

2405 Southwest Blvd. Kansas City, MO 64108, MO, 64108



Kaycha Labs

HHC Vape- Cinamon Cereal

Matrix: Derivative

Sample: KN20228019-004

Harvest/Lot ID: N/A

Batch#: N/A

Seed to Sale# N/A

Batch Date: N/A

Sample Size Received: 10 gram

Total Weight/Volume: N/A

Retail Product Size: 1 ml ordered: 02/16/22

sampled: 02/16/22

Completed: 03/08/22 Expires: 03/08/23 Sampling Method: SOP Client Method

PASSED

Page 1 of 5

PRODUCT IMAGE

SAFETY RESULTS







PASSED



PASSED





Solvents

PASSED



PASSED









TESTED

MISC.

CANNABINOID RESULTS



91.562%



Total d8-THC 0.208%



Total Cannabinoids 91.909%



	ilth		PASSED)
Analyzed By	Weight I	Extraction date	Extracted By	
1	0.2682a (03/01/22	1692	
Analyte	LOD	Pass/Fail	Result	
Filth and Foreign I	Material 0.3	Pass	ND	
Analysis Method	-SOP.T.40.013	Batch Date: 03/01	1/22 10:33:46	
Analytical Batch	-KN002029FIL	Reviewed On - 03/	01/22 11:25:50	
Instrument Used	: E-AMS-138 M	icroscope		
Running On:				

Cannabinoid	Drofile	Toct
Callilabillolu	FIUITIE	1625

Analyzed by	Weight	Extraction date :		Extracted By :	
113	0.2064g	02/28/22 06:02:05		113	
Analysis Method - Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCa: 9.5%, TOTAL THC 11, 1%, These uncertainties represent an expanded uncertainty					
expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.			17:25:40	Batch Date: 02/28/22 15:14:10	
Analytical Batch -KN002024POT I	Instrument Used: HPLC E-SHI-008 Running On:				

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Sue Ferguson

State License # n/a ISO Accreditation # 17025:2017



03/08/22

Signature



Kaycha Labs

HHC Vape- Cinamon Cereal

Matrix : Derivative



Certificate of Analysis

PASSED

2405 Southwest Blvd, Kansas City, MO 64108, MO, 64108 Telephone: 855-427-7386

Email: Corporate@CBDamericanshaman.com

Harvest/Lot ID: N/A

Batch# : N/A Sampled: 02/16/22 Odered: 02/16/22

Sample Size Received: 10 gram Total Weight/Volume: N/A Completed: 03/08/22 Expires: 03/08/23

Sample Method: SOP Client Method

Page 2 of 5



Terpenes

TESTED

Terpenes	LOD(%) mg/g		Result (%)	Terpenes		%) mg/g	%	Result (%)
TRANS-CARYOPHYLLENE	0.007 19.94	1.994		HEXAHYDROTHYMOL	0.007	< 0.2	< 0.02	
GUAIOL	0.007 ND	ND		EUCALYPTOL	0.007	0.64	0.064	
IMONENE	0.007 8.91	0.891		ISOBORNEOL	0.007	< 0.2	< 0.02	
INALOOL	0.007 5.1	0.51		FARNESENE	0.007	ND	ND	
VEROL	0.007 < 0.2	< 0.02		FENCHONE	0.007	ND	ND	
DCIMENE	0.007 0.21	0.021		GAMMA-TERPINENE	0.007	< 0.2	< 0.02	
ALPHA-PHELLANDRENE	0.007 ND	ND		GERANIOL	0.007	< 0.2	< 0.02	
PULEGONE	0.007 ND	ND				МИ		
SABINENE	0.007 ND	ND		&				
SABINENE HYDRATE	0.007 ND	ND		(O) Terpenes				TESTED
ERPINEOL	0.007 0.76	0.076		Terpenes				ILSTED
TERPINOLENE	0.007 0.37	0.037						
GERANYL ACETATE	0.007 ND	ND		Analyzed by Weight 1 1.0467q	Extraction 03/04/22	date 2 03:03:16		Extracted By 138
RANS-NEROLIDOL	0.007 ND	ND						
ALENCENE	0.007 8.99	0.899		Analysis Method - SOP.T.40.090 Analytical Batch - KN002041TER			Daviewe	ed On - 03/08/22 12:50:17
SOPULEGOL	0.007 ND	ND		Instrument Used : E-SHI-109 Terpen	es		Reviewe	d OII - 03/08/22 12:50:17
ALPHA-HUMULENE	0.007 7.71	0.771		Running On :				
ALPHA-PINENE	0.007 1.74	0.174		Batch Date: 03/03/22 09:08:19				
ALPHA-TERPINENE	0.007 0.94	0.094		Reagent Diluti				onsums. ID
BETA-MYRCENE	0.007 3.85	0.385		10	JII		C	misums. ID
BETA-PINENE	0.007 2.11	0.211			1 X		_/\	
BORNEOL	0.013 0.41	0.041		Terpenoid profile screening is performed which can screen 38 terpenes using Met				(Gas Chromatography – Mass Spectrometer)
AMPHENE	0.007 0.26	0.026		Which can screen so terpenes using Met	1100 30F.1.40	oso reipe	noid Analy	sis via GC-M3. Arialytes 130 Feliding
CAMPHOR	0.013 ND	ND						
CARYOPHYLLENE OXIDE	0.007 2.47	0.247						
CEDROL	0.007 ND	ND						
ALPHA-BISABOLOL	0.007 4.8	0.48						
ALPHA-CEDRENE	0.007 0.37	0.037						
	0.007 ND	ND						
CIS-NEROLIDOL	0.007 0.31	0.031						
	0.007 0.31 0.007 2.05	0.031						

Total (%)

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Sue Ferguson

State License # n/a ISO Accreditation # 17025:2017



03/08/22

Signature



Kaycha Labs

HHC Vape- Cinamon Cereal

Matrix : Derivative



Certificate of Analysis

PASSED

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Email: Corporate@CBDamericanshaman.com

Harvest/Lot ID: N/A

Batch# : N/A Sampled: 02/16/22 Odered: 02/16/22

Sample Size Received: 10 gram Total Weight/Volume: N/A Completed: 03/08/22 Expires: 03/08/23

Sample Method: SOP Client Method

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Pesticides

PASSED

_ X					
Pesticides	LOD	Units	Action Level	Pass/Fail	Re
ABAMECTIN B1A	0.01	1.1.	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	1.1.	2	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND
CYPERMETHRIN	0.01	ppm	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND
DIAZANON	0.01	ppm	0.2	PASS	ND
DICHLORVOS	0.01	ppm	0.1	PASS	ND
DIMETHOATE	0.01	ppm	0.1	PASS	ND
DIMETHOMORPH	0.01	ppm	3	PASS	ND
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND
ETOFENPROX	0.01	ppm	0.1	PASS	ND
ETOXAZOLE	0.01	ppm	1.5	PASS	ND
FENHEXAMID	0.01	ppm	3	PASS	ND
FENOXYCARB	0.01	ppm	0.1	PASS	ND
FENDYROXIMATE	0.01	ppm	2	PASS	ND
	0.01		0.1	PASS	ND
FIPRONIL	0.01	ppm	2	PASS	ND
FLONICAMID		ppm	3	PASS	ND
FLUDIOXONIL	0.01	ppm			- 11-
HEXYTHIAZOX	0.01	ppm	2	PASS	ND
IMAZALIL	0.01	ppm	0.1	PASS	ND
IMIDACLOPRID	0.01	ppm	3	PASS	ND
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND
MALATHION	0.01	ppm	2	PASS	ND
METALAXYL	0.01	ppm	3	PASS	ND
METHIOCARB	0.01	ppm	0.1	PASS	ND
METHOMYL	0.01	ppm	0.1	PASS	ND
MEVINPHOS	0.01	ppm	0.1	PASS	ND
MYCLOBUTANIL	0.01	ppm	3	PASS	ND
NALED	0.01	ppm	0.5	PASS	ND
OXAMYL	0.01	ppm	0.5	PASS	ND
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
PERMETHRINS	0.01	ppm	1	PASS	ND
PHOSMET	0.01	ppm	0.2	PASS	ND

Pesticides	LOD	Units	Action Level	Pass/Fail	Result	
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND	
PRALLETHRIN	0.01	ppm	0.4	PASS	ND	
PROPICONAZOLE	0.01	ppm	1	PASS	ND	
PROPOXUR	0.01	ppm	0.1	PASS	ND	
PYRETHRINS	0.01	ppm	1	PASS	ND	
PYRIDABEN	0.01	ppm	3	PASS	ND	
SPINETORAM	0.01	ppm	3	PASS	ND	
SPIROMESIFEN	0.01	ppm	3	PASS	ND	
SPIROTETRAMAT	0.01	ppm	3	PASS	ND	
SPIROXAMINE	0.01	ppm	0.1	PASS	ND	
TEBUCONAZOLE	0.01	ppm	1	PASS	ND	
THIACLOPRID	0.01	ppm	0.1	PASS	ND	
THIAMETHOXAM	0.01	ppm	1	PASS	ND	
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	
TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND	

Pesticides

PASSED

Analyzed by **Extracted By** 143 0.5536g 03/01/22 0 Analysis Method - SOP.T.30.060, SOP.T.40.060, 03/01/22 03:03:44 Analytical Batch - KN002022PES Reviewed On Instrument Used: E-SHI-125 Pesticides Batch Date: 02/28/22 13:40:04

Running On: 02/28/22 15:02:59

Reagent

020322.R13 110521.03 022322.R02 021722.R02 020922.R08

Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.065 Procedure for Pesticide

Dilution

10

Consumables ID

947.251

Quantification Using LCMSMS). *Based on FL action limits. *

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Signature



Kaycha Labs

HHC Vape- Cinamon Cereal

N/A

Matrix : Derivative



Certificate of Analysis

PASSED

Shaman Botanical Inc

2405 Southwest Blvd, Kansas City, MO 64108, MO, 64108 **Telephone:** 855-427-7386

Email: Corporate@CBDamericanshaman.com

Sample: KN20228019-004 Harvest/Lot ID: N/A

Batch#: N/A Sampled: 02/16/22 Odered: 02/16/22

Sample Size Received: 10 gram Total Weight/Volume: N/A Completed: 03/08/22 Expires: 03/08/23 Sample Method: SOP Client Method

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Residual Solvents

TESTED

Solvent	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
THYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
THANOL	500	ppm	5000	PASS	ND
THYL ETHER	50	ppm	5000	PASS	ND
1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
CETONE	75	ppm	5000	PASS	ND
PROPANOL	50	ppm	500	PASS	ND
CETONITRILE	6	ppm	410	PASS	ND
ICHLOROMETHANE	12.5	ppm	600	PASS	>281.25
-HEXANE	25	ppm	290	PASS	ND
THYL ACETATE	40	ppm	5000	PASS	ND
HLOROFORM	0.2	ppm	60	PASS	ND
ENZENE	0.1	ppm	2	PASS	ND
2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
EPTANE	500	ppm	5000	PASS	ND
RICHLOROETHYLENE	2.5	ppm	80	PASS	ND
OLUENE	15	ppm	890	PASS	ND
OTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND



021622.R29

Residual Solvents

TESTED

 Analyzed by
 Weight
 Extraction date
 Extracted By

 143
 0.02362g
 03/02/22 10:03:56
 143

Analysis Method -SOP.T.40.032 Analytical Batch -KN002037SOL

Instrument Used: E-SHI-106 Residual Solvents

Running On: 03/02/22 10:30:16 Batch Date: 03/02/22 08:31:31 Reviewed On - 03/03/22 17:19:29

 Reagent
 Dilution
 Consumables ID

 081420.01
 1
 R2017.099

 021622.R27
 G201.120

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032 Residual Solvents Analysis via GC-MS). Analytes ISO pending. *Based on FL action limits.

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Sue Ferguson

Lab Director

State License # n/a ISO Accreditation # 17025:2017 Sulinguan

03/08/22

Signature



Kaycha Labs

HHC Vape- Cinamon Cereal

N/A

Matrix : Derivative



Certificate of Analysis

PASSED

Shaman Botanical Inc

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Email: Corporate@CBDamericanshaman.com

Sample: KN20228019-004 Harvest/Lot ID: N/A

Batch#: N/A Sampled: 02/16/22 Odered: 02/16/22 Sample Size Received: 10 gram Total Weight/Volume: N/A Completed: 03/08/22 Expires: 03/08/23

Sample Method: SOP Client Method

Page 5 of 5



Microbials

PASSED



Mycotoxins

PASSED

Analyte	LOD	Result	Pass / Fail
LISTERIA MONOCYTOGENE	2000	not present in 1 gram.	PASS
ESCHERICHIA COLI SHIGELLA SPP	1726	not present in 1 gram.	PASS
SALMONELLA SPECIFIC GENE	10000	not present in 1 gram.	PASS
ASPERGILLUS FLAVUS	10000	not present in 1 gram.	PASS
ASPERGILLUS FUMIGATUS	10000	not present in 1 gram.	PASS
ASPERGILLUS NIGER	10000	not present in 1 gram.	PASS
ASPERGILLUS TERREUS	10000	not present in 1 gram.	PASS

Analysis Method -SOP.T.40.043

Analytical Batch -KN002030MIC Batch Date: 03/01/22 11:31:11

Instrument Used: Micro E-HEW-069

Running On:

Analyzed by	Weight 0.664g	Extraction date 03/01/22 12:03:35	Extracted By 1692
Reagent			Dilution

122921.02 121721.04 030421.11

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 flavus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	

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

Analytical Batch -KN002023MYC | Reviewed On - 03/01/22 18:11:29

Instrument Used: E-SHI-125 Mycotoxins

Running On: 02/28/22 15:03:41 | Batch Date: 02/28/22 13:40:27

Analyzed by	Weight	Extraction date	Extracted By
143	0.5536g	03/01/22 03:03:25	143

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 (Aflotoxin B1, B2, G1, G2) must be $<\!20\mu g/Kg$. Ochratoxins must be $<\!20\mu g/Kg$. Analytes ISO pending. *Based on FL action limits.



Heavy Metals

PASSED

Metal	LOD	Unit	Result	Pass / Fail	Action Level	
ARSENIC-AS	0.02	ppm	ND	PASS	1.5	
CADMIUM-CD	0.02	ppm	ND	PASS	0.5	
MERCURY-HG	0.02	ppm	ND	PASS	3	
LEAD-PB	0.02	ppm	ND	PASS	0.5	

Analyzed by Weight Extraction date Extracted By

1 8g NA NA

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

Analytical Batch -KN002026HEA | Reviewed On - 03/01/22 17:17:38

Instrument Used: Metals ICP/MS

Running On: | Batch Date: 02/28/22 16:26:35

Dilution

1

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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