

# Certificate of Analysis

Jun 08, 2022 | Winsor CBD

Vinton, IA, 52349, US



# 

CBD Relief Balm 2000mg



Matrix: Derivative

Sample: KN20531005-004 Harvest/Lot ID: 891A06

> Batch#: FSBALM2000 Seed to Sale# N/A Batch Date: 03/03/22

Sample Size Received: 10 gram

Total Batch Size: N/A Retail Product Size: 75 ml

Ordered: 05/22/22 Sampled: 05/22/22 Completed: 06/08/22 Sampling Method: N/A

PASSED

Page 1 of 5

PRODUCT IMAGE

SAFETY RESULTS





PASSED

**Total THC** 





**PASSED** 



PASSED



PASSED



PASSED



PASSED







Moisture



Terpenes NOT TESTED

**PASSED** 

Cannabinoid





2.6943%



**Total Cannabinoids** 3.8212%



Analyzed by

Weight 113 0.2174g Extraction date :

05/31/22 16:51:06

Extracted By: 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

Reviewed On - 06/01/22 10:53:14 Analytical Batch -KN002477POT

Batch Date: 05/31/22 10:58:12 Instrument Used: HPLC E-SHI-008

Running On:

Dilution: 40

Reagent: 081321.R04: 053122.R01: 052522.R01 Consumables: 947B9291.271; 200331059

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis.). \*Based on FL action limits.

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### Sue Ferguson

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



Signature

06/08/22



# Kaycha Labs 画然紫江画

CBD Relief Balm 2000mg

N/A

Matrix : Derivative



# **Certificate of Analysis**

**PASSED** 

Winsor CBD

403 1ST AVE Vinton, IA, 52349, US **Telephone:** (319) 560-3689 **Email:** contact@winsorcbd.com Sample : KN20531005-004 Harvest/Lot ID: 891A06

Batch#: FSBALM2000 Sampled: 05/22/22 Ordered: 05/22/22 Sample Size Received : 10 gram

Total Batch Size: N/A

Completed: 06/08/22 Expires: 06/08/23 Sample Method: SOP Client Method

Page 2 of 5



# **Pesticides**

P	A	S	S	Е	D

<u> </u>					
Pesticide	LOD	Units	Action Level	Pass/Fail	Res
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	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	<0.
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	mag	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
FENDATCARB	0.01	ppm	2	PASS	ND
FIPRONIL	0.01	maa	0.1	PASS	ND
	0.01	ppm	2	PASS	ND
FLONICAMID FLUDIOXONIL	0.01	ppm	3	PASS	ND
	0.01	ppm	2	PASS	ND
HEXYTHIAZOX	0.01		0.1	PASS	ND
IMAZALIL	0.01	ppm	3	PASS	ND
IMIDACLOPRID		ppm	1		
KRESOXIM-METHYL	0.01	ppm	_	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	le le	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

Pesticide	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** 

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -KN002509PES

Instrument Used :E-SHI-125 Pesticides Running on : Analyzed by: Weight:

Weight: Extraction date:

Reviewed On: 06/08/22 14:01:00 Batch Date: 06/07/22 14:59:31

> Extracted by: NA

Dilution: 1 Reagent: Consumable

1, 12

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

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Sue Ferguson

Sulinguan

Signature

06/08/22



# Kaycha Labs

CBD Relief Balm 2000mg

N/A

Matrix : Derivative



# **Certificate of Analysis**

**PASSED** 

Winsor CBD

403 1ST AVE Vinton, IA, 52349, US **Telephone:** (319) 560-3689 **Email:** contact@winsorcbd.com Sample : KN20531005-00 Harvest/Lot ID: 891A06

Batch#: FSBALM2000 Sampled: 05/22/22 Ordered: 05/22/22 Sample Size Received: 10 gram

Total Batch Size: N/A

Completed: 06/08/22 Expires: 06/08/23 Sample Method: SOP Client Method

Page 3 of 5



### **Residual Solvents**

**PASSED** 

Solvents	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
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1.1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	84.1042
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	0.401
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND



# **Solvents**

**PASSED** 

Analyzed by 1, 138, 12 **Weight** 0.02436g

**Extraction date** 06/02/22 10:47:59

Extracted By

Analysis Method -SOP.T.40.032 Analytical Batch -KN002478SOL

Instrument Used : E-SHI-106 Residual Solvents

Running On:

Batch Date: 05/31/22 11:12:30

Reviewed On - 06/02/22 23:55:27

Dilution: 1
Reagent:

Residual solvents analysis 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). \*Based on FL action limits.

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Sue Ferguson

Lab Directo

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

Signature

Signed On

06/08/22



### Kaycha Labs

CBD Relief Balm 2000mg

Matrix : Derivative



# **Certificate of Analysis**

PASSED

403 1ST AVE Vinton, IA, 52349, US Telephone: (319) 560-3689 Email: contact@winsorcbd.com Harvest/Lot ID: 891A06

Batch# · FSBALM2000 Sampled: 05/22/22 Ordered: 05/22/22

Reviewed On: 06/02/22 23:58:16

Extracted by:

Batch Date: 05/31/22 12:00:46

Sample Size Received: 10 gram

Total Batch Size: N/A

Completed: 06/08/22 Expires: 06/08/23 Sample Method: SOP Client Method

Page 4 of 5



# Microbial



# **Mycotoxins**

### **PASSED**

Analyte		LOD	Units	Result	Pass / Fail	Action Level
LISTERIA MON	OCYTOGENE	2000	RFU	ND	PASS	2000
ESCHERICHIA	COLI SHIGELLA SPP	1726	RFU	ND	PASS	1726
SALMONELLA	SPECIFIC GENE	10000	RFU	ND	PASS	10000
ASPERGILLUS	FLAVUS	10000	RFU	ND	PASS	10000
ASPERGILLUS	FUMIGATUS	10000	RFU	ND	PASS	10000
ASPERGILLUS	NIGER	10000	RFU	ND	PASS	10000
ASPERGILLUS	TERREUS	10000	RFU	ND	PASS	10000

Analysis Method - SOP.T.40.043 Analytical Batch - KN002479MIC Instrument Used: Micro E-HEW-069 Running on: 06/01/22 09:34:40

Analyzed by: Weight: Extraction date: NA

Consumables: P7530724

Reagent: 042222.02; 031022.01; 122021.03

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

-11						
5	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	0.02

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

Analytical Batch -KN002511MYC | Reviewed On - 06/07/22 18:26:17

Instrument Used: E-SHI-125 Mycotoxins Running On: | Batch Date: 06/07/22 18:19:51

Analyzed by	Weight	Extraction date	<b>Extracted By</b>
1, 12	7g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS. LOQ 5.0 ppb). \*Based on FL action limits.



### **Heavy Metals**

#### **PASSED**

Metal		LOD	Units	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 d	ate	Extr	acted B	у

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

Analytical Batch -KN002475HEA | Reviewed On - 06/03/22 14:53:53

Instrument Used: Metals ICP/MS

Running On: 05/31/22 12:36:07 | Batch Date: 05/30/22 16:02:25

Reagent: 121621.02; 011022.R08; 032522.01; 040822.01; 020422.R07;

030422.R15; 011022.R07; 051822.R05

Consumables: 294108110; n/a; 108779-06-102921; CFT415500

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma -Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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#### Sue Ferguson

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06/08/22



### Kaycha Labs 画 ※ 生主国

CBD Relief Balm 2000mg

N/A

Matrix : Derivative



# **Certificate of Analysis**

Winsor CBD

403 1ST AVE Vinton, IA, 52349, US **Telephone:** (319) 560-3689 **Email:** contact@winsorcbd.com Sample : KN20531005-004 Harvest/Lot ID: 891A06

Batch#: FSBALM2000 Sampled: 05/22/22 Ordered: 05/22/22 Sample Size Received: 10 gram

Total Batch Size: N/A

Completed: 06/08/22 Expires: 06/08/23
Sample Method: SOP Client Method

**PASSED** 

Page 5 of 5



**PASSED** 

LOD Units **Analyte** Result Action Level Filth and Foreign Material detect/g ND 3 **Analyzed By** Weight **Extraction date Extracted By** 0.5462g 1 05/31/22 1692 Analysis Method -SOP.T.40.013 Batch Date: 05/31/22 08:46:35 Analytical Batch - KN002476FIL Reviewed On - 05/31/22 13:22:21 Instrument Used: E-AMS-138 Microscope

Running On :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13 Stereo Microscope is use for inspection.

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Lab Directo

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06/08/22