



Certificate of Analysis

Sample:KN30419001-001

Harvest/Lot ID: 6FD859

Batch#: FSESGUM50

Batch Date: 04/01/23

Sample Size Received: 8 gram

Retail Product Size: 120 gram

Ordered : 04/17/23

Sampled : 04/17/23

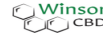
Completed: 04/24/23

PASSED

Page 1 of 5

Apr 24, 2023 | Winsor CBD

403 1ST AVE
Vinton, IA, 52349, US



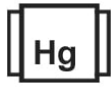
PRODUCT IMAGE



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

MISC.



Potency

PASSED



Total THC
0.0444%



Total CBD
1.4741%



Total Cannabinoids
2.4577%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	<0.01	<0.01	ND	0.8889	1.4741	ND	<0.01	ND	0.0444	ND	ND	0.0503	ND	ND	ND	ND
mg/g	<0.1	<0.1	ND	8.889	14.741	ND	<0.1	ND	0.444	ND	ND	0.503	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2837, 2657 Weight: 0.2132g Extraction date: 04/19/23 09:49:33 Extracted by: 2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC: ± 0.100, THCa: ± 0.124, TOTAL THC ± 0.112. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch : KN003693POT Reviewed On : 04/20/23 10:38:46

Instrument Used : E-SHI-008 Batch Date : 04/18/23 09:31:59

Dilution : N/A

Reagent : 122922.11; 100422.02; 040423.R02; 041723.R01; 102722.12; 020323.06; 102722.26

Consumables : 294108110; 22/04/01; n/a; 239146; 947B9291.271; GD210005; 6121219; 600054; 220325059-D; IP250.100

Pipette : E-VWR-120

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

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Sue Ferguson

Lab Director

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

Signature

04/24/23

Signed On



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PASSED

Winsor CBD

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Vinton, IA, 52349, US
Telephone: (319) 560-3689
Email: contact@winsorcdb.com

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Harvest/Lot ID: 6FD859
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Completed : 04/24/23 Expires: 04/24/24

Page 2 of 5



Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.012	ppm	0.3	PASS	ND	PRALLETHRIN	0.008	ppm	0.4	PASS	ND
ACEPHATE	0.008	ppm	3	PASS	ND	PROPICONAZOLE	0.007	ppm	1	PASS	<0.05
ACEQUINOCYL	0.038	ppm	2	PASS	ND	PROPOXUR	0.008	ppm	0.1	PASS	ND
ACETAMIPRID	0.009	ppm	3	PASS	ND	PYRETHRINS	0.002	ppm	1	PASS	ND
ALDICARB	0.009	ppm	0.1	PASS	ND	PYRIDABEN	0.007	ppm	3	PASS	ND
AZOXYSTROBIN	0.013	ppm	3	PASS	<0.05	SPINETORAM	0.004	ppm	3	PASS	ND
BIFENAZATE	0.028	ppm	3	PASS	ND	SPIROMESIFEN	0.009	ppm	3	PASS	ND
BIFENTHRIN	0.047	ppm	0.5	PASS	ND	SPIROTETRAMAT	0.009	ppm	3	PASS	ND
BOSCALID	0.007	ppm	3	PASS	ND	SPIROXAMINE	0.006	ppm	0.1	PASS	ND
CARBARYL	0.015	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.009	ppm	1	PASS	ND
CARBOFURAN	0.008	ppm	0.1	PASS	ND	THIACLOPRID	0.008	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.012	ppm	1	PASS	ND	THIAMETHOXAM	0.009	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.008	ppm	3	PASS	ND	TOTAL SPINOSAD	0.009	ppm	3	PASS	ND
CHLORPYRIFOS	0.014	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.009	ppm	3	PASS	ND
CLOFENTEZINE	0.006	ppm	0.5	PASS	ND						
COUMAPHOS	0.009	ppm	0.1	PASS	ND	Analized by:	Weight:	Extraction date:	Extracted by:		
DAMINOZIDE	0.006	ppm	0.1	PASS	ND	2803	1.0024g	04/24/23 10:08:28	2803		
DIAZANON	0.006	ppm	0.2	PASS	ND	Analysis Method :SOP.T.40.101.TN				Reviewed On :04/24/23 11:06:53	
DICHLORVOS	0.014	ppm	0.1	PASS	ND	Analytical Batch :KN003701PES				Batch Date :04/24/23 10:04:00	
DIMETHOATE	0.009	ppm	0.1	PASS	ND	Instrument Used :E-SHI-125					
DIMETHOMORPH	0.009	ppm	3	PASS	ND	Running on :N/A					
ETHOPROPHOS	0.007	ppm	0.1	PASS	ND	Dilution : 0.01					
ETOFENPROX	0.009	ppm	0.1	PASS	ND	Reagent : 010523.R11; 030723.R19; 040623.R01; 040623.R02; 122322.R26; 101722.03; 032221.01					
ETOXAZOLE	0.007	ppm	1.5	PASS	ND	Consumables : SFN-BR-1025; 674277-E23452; 22/04/01; n/a; 01422036; 251760; 201123-058; 211214634-D; 239146;					
FENHEXAMID	0.005	ppm	3	PASS	ND	94789291.271; GD220003					
FENOXICARB	0.007	ppm	0.1	PASS	ND	Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119					
FENPYROXIMATE	0.006	ppm	2	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.					
FIPRONIL	0.008	ppm	0.1	PASS	ND	*Based on FL action limits.					
FLONICAMID	0.014	ppm	2	PASS	ND						
FLUDIOXONIL	0.011	ppm	3	PASS	<0.05						
HEXYTHIAZOX	0.009	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	0.0911						
IMIDACLOPRID	0.005	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.009	ppm	2	PASS	ND						
METALAXYL	0.008	ppm	3	PASS	ND						
METHIOCARB	0.008	ppm	0.1	PASS	ND						
METHOMYL	0.009	ppm	0.1	PASS	ND						
MEVINPHOS	0.001	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.006	ppm	3	PASS	ND						
NALED	0.023	ppm	0.5	PASS	ND						
OXAMYL	0.009	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.007	ppm	0.1	PASS	ND						
PERMETHRINS	0.008	ppm	1	PASS	ND						
PHOSMET	0.009	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.006	ppm	3	PASS	ND						

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Sue Ferguson

Lab Director

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

Signature

04/24/23

Signed On



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PASSED

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 Email: contact@winsorcdb.com

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Harvest/Lot ID: 6FD859

Batch# : FSESGUM50

Sampled : 04/17/23

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Completed : 04/24/23 Expires: 04/24/24

Page 3 of 5



Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	54	ppm	5000	PASS	ND
BUTANES (N-BUTANE)	51	ppm	5000	PASS	ND
METHANOL	20	ppm	250	PASS	ND
METHYLENE OXIDE	0.2	ppm	5	PASS	ND
PENTANES (N-PENTANE)	32	ppm	750	PASS	ND
ETHANOL	100	ppm	5000	PASS	ND
ETHYL ETHER	10	ppm	500	PASS	ND
1,1-DICHLOROETHENE	0.6	ppm	8	PASS	ND
ACETONE	15	ppm	750	PASS	ND
2-PROPANOL	20	ppm	500	PASS	ND
ACETONITRILE	1.3	ppm	60	PASS	ND
DICHLOROMETHANE	2	ppm	125	PASS	ND
N-HEXANE	6	ppm	250	PASS	ND
ETHYL ACETATE	8.3	ppm	400	PASS	ND
CHLOROFORM	0.04	ppm	2	PASS	ND
BENZENE	0.03	ppm	1	PASS	ND
1,2-DICHLOROETHANE	0.05	ppm	2	PASS	ND
HEPTANE	53	ppm	5000	PASS	ND
TRICHLOROETHYLENE	0.5	ppm	25	PASS	ND
TOLUENE	5	ppm	150	PASS	ND
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm	150	PASS	ND

 Analyzed by:
 138, 3050

 Weight:
 0.02419g

 Extraction date:
 04/20/23 09:10:17

 Extracted by:
 138

Analysis Method : SOP.T.40.041.TN

Analytical Batch : KN003695SOL

Instrument Used : E-SHI-106

Running on : N/A

Reviewed On : 04/20/23 13:31:26

Batch Date : 04/19/23 09:03:19

Dilution : N/A

Reagent : N/A

Consumables : R2017.167; G201.100

Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FL action limits.



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PASSED



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
 Sample : KN30419001-001
 Harvest/Lot ID: 6FD859
 Batch# : FSESGUM50
 Sampled : 04/17/23
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 Sample Size Received : 8 gram
 Completed : 04/24/23 Expires: 04/24/24

Page 4 of 5

 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN G2	0.0016	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G1	0.0012	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN B2	0.0012	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN B1	0.0012	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02
Analyzed by: 2805, 3050	Weight: 1.062g	Extraction date: 04/19/23 08:59:51	Extracted by: 2805			Analyzed by: 2803	Weight: 1.0024g	Extraction date: 04/24/23 10:08:28	Extracted by: 2803		
Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 cfu Analysis Batch : KN003694MIC Reviewed On : 04/21/23 17:07:36 Instrument Used : E-HEW-069 Batch Date : 04/19/23 08:54:26 Running on : N/A						Analysis Method : SOP.T.40.101.TN Analytical Batch : KN003702MYC Reviewed On : 04/24/23 12:22:30 Instrument Used : E-SHI-125 Batch Date : 04/24/23 10:08:54 Running on : N/A					
Dilution : N/A Reagent : 020323.02; 101822.09; 101822.07; 010923.03; 092222.01; 072722.06 Consumables : 22/04/01; 251773; 242429; 2DAX30621; P7528255; 41218-146C4-146C; 263989; 93825; 010205; 007109; 013209; n/a; 247040; 0150210 Pipette : E-THE-045; E-THE-046; E-THE-047; E-THE-048; E-THE-049; E-THE-050; E-THE-051; E-THE-052; E-THE-053; E-BIO-188						Dilution : 0.01 Reagent : 010523.R11; 030723.R19; 040623.R01; 040623.R02; 122322.R26; 101722.03; 032221.01 Consumables : SFN-BR-1025; 674277-E23452; 22/04/01; n/a; 01422036; 251760; 201123-058; 211214634-D; 239146; 947B9291.271; GD220003 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119					

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. With an LOD of 1cfu, if a pathogenic E Coli, Salmonella, A fumigatus, A flavus, A niger, or A terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

 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: 2837, 138	Weight: 0.2504g	Extraction date: 04/19/23 12:03:54	Extracted by: 2837		
Analysis Method : SOP.T.30.082, SOP.T.40.082.TN Analytical Batch : KN003696HEA Reviewed On : 04/19/23 14:31:49 Instrument Used : E-AGI-084 Batch Date : 04/19/23 10:09:24 Running on : N/A					
Dilution : N/A Reagent : 122922.11; 100422.02; 032723.R01; 031423.R13; 101722.05; 022023.01; 030923.R07; 031623.R01; 031423.R01; 022823.R12; 040523.R01; 040523.R02; 040523.R03; 031623.R02; 010323.R06 Consumables : 257747; 829C6-829B; 221200; A260422A Pipette : E-EPP-081; E-EPP-082					

Heavy Metals analysis is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to single digit ppb concentrations. LOQ is 0.04 ppm for all metals. *Based on FL action limits.



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Page 5 of 5



**Filth/Foreign
Material**

PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by: 2805	Weight: 0.5226g	Extraction date: 04/19/23 09:00:46	Extracted by: 2805
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Analysis Method : SOP.T.40.090

Analytical Batch : KN003637FIL

Instrument Used : E-AMS-138

Running on : N/A

Reviewed On : 04/19/23 09:07:59

Batch Date : 03/21/23 12:14:24

Dilution : N/A
Reagent : N/A
Consumables : N/A
Pipette : N/A

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.

Sue Ferguson

Lab Director

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

Signature

04/24/23

Signed On