Certified Laboratories
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Labstat
A Certified Group Company

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RC0639128

Labstat

CannaSerene Full Spec 1500mg Oil Fennel
N/A
Matrix: Derivative

Certificate of Analysis

Sample:KN10329006-002
Harvest/Lot ID: 25C2112
Batch#: 25C2112
Batch Date: 03/25/21
Sample Size Received: 30
Retail Product Size: 30 ml
Ordered : 03/26/21
Sampled : 03/26/21
Completed: 03/31/21

Apr 28, 2021 | CannaSerene

4398 SW Port Way
Palm City, FL, 34990, US

BioSerene

PASSED

PRODUCT IMAGE

glass dropper bottle

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

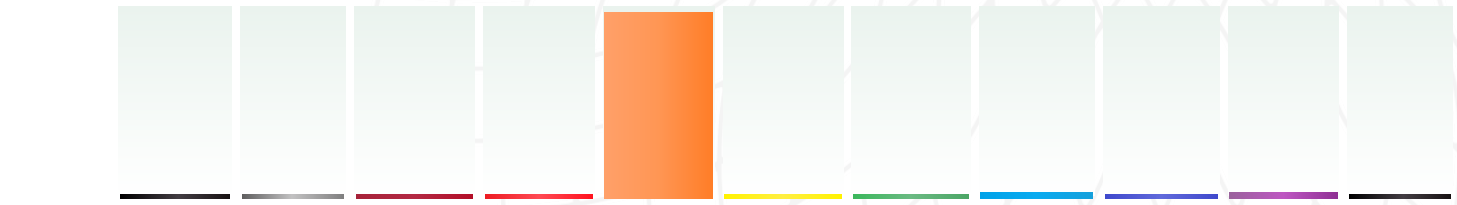
Potency

PASSED

Total THC
0%

Total CBD
0%

Total Cannabinoids
0%



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.0462	0	0.0063	0.0613	5.7669	0.0026	0.0088	0.1629	0.0003	0.1922	0
mg/g			<0.1			<0.1	<0.1				
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Analyzed by:
113

Weight:
0.2043g

Extraction date:
03/29/21 02:03:23

Extracted by:
946

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 : KN000649POT
Instrument Used : HPLC E-SHI-008
Running on : N/A

Reviewed On : 03/30/21 16:02:45
Batch Date : 03/29/21 13:48:47

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

Darren Converse
Lab Director

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

Signature

03/31/21
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N/A
Matrix : Derivative

Certificate of Analysis

PASSED

CannaSerene

4398 SW Port Way
Palm City, FL, 34990, US
Telephone: (772) 907-7900
Email: shai@biosereneinc.com

Sample : KN10329006-002
Harvest/Lot ID: 25C2112
Batch# : 25C2112
Sampled : 03/26/21
Ordered : 03/26/21

Sample Size Received : 30
Completed : 03/31/21 **Expires:** 03/31/22

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3		0
ACEPHATE	0.01	ppm	3		0
ACEQUINOCYL	0.01	ppm	2		0
ACETAMIPRID	0.01	ppm	3		0
ALDICARB	0.01	ppm	0.1		0
AZOXYSTROBIN	0.01	ppm	3		0
BIFENAZATE	0.01	ppm	3		0
BIFENTHRIN	0.01	ppm	0.5		0
BOSCALID	0.01	ppm	3		0
CARBARYL	0.01	ppm	0.5		0
CARBOFURAN	0.01	ppm	0.1		0
CHLORANTRANILIPROLE	0.01	ppm	3		0
CHLORMEQUAT CHLORIDE	0.01	ppm	3		0
CHLORPYRIFOS	0.01	ppm	0.1		0
CLOFENTEZINE	0.01	ppm	0.5		0
COUMAPHOS	0.01	ppm	0.1		0
CYPERMETHRIN	0.01	ppm	1		0
DAMINOZIDE	0.01	ppm	0.1		0
DIAZANON	0.01	ppm	0.2		0
DICHLORVOS	0.01	ppm	0.1		0
DIMETHOATE	0.01	ppm	0.1		0
DIMETHOMORPH	0.01	ppm	3		0
ETHOPROPHOS	0.01	ppm	0.1		0
ETOFENPROX	0.01	ppm	0.1		0
ETOXAZOLE	0.01	ppm	1.5		0
FENHEXAMID	0.01	ppm	3		0
FENOXYCARB	0.01	ppm	0.1		0
FENPYROXIMATE	0.01	ppm	2		0
FIPRONIL	0.01	ppm	0.1		0
FLONICAMID	0.01	ppm	2		0
FLUDIOXONIL	0.01	ppm	3		0
HEXYTHIAZOX	0.01	ppm	2		0
IMAZALIL	0.01	ppm	0.1		0
IMIDACLOPRID	0.01	ppm	3		0
KRESOXIM-METHYL	0.01	ppm	1		0
MALATHION	0.01	ppm	2		0
METALAXYL	0.01	ppm	3		0
METHIOCARB	0.01	ppm	0.1		0
METHOMYL	0.01	ppm	0.1		0
MEVINPHOS	0.01	ppm	0.1		0
MYCLOBUTANIL	0.01	ppm	3		0
NALED	0.01	ppm	0.5		0
OXAMYL	0.01	ppm	0.5		0
PACLOBUTRAZOL	0.01	ppm	0.1		0
PERMETHRINS	0.01	ppm	1		0
PHOSMET	0.01	ppm	0.2		0

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
PIPERONYL BUTOXIDE	0.01	ppm	3		0
PRALLETHRIN	0.01	ppm	0.4		0.1997
PROPICONAZOLE	0.01	ppm	1		0
PROPOXUR	0.01	ppm	0.1		0
PYRETHRINS	0.01	ppm	1		0
PYRIDABEN	0.01	ppm	3		0
SPINETORAM	0.01	ppm	3		0
SPIROMESIFEN	0.01	ppm	3		0
SPIROTETRAMAT	0.01	ppm	3		0
SPIROXAMINE	0.01	ppm	0.1		0
TEBUCONAZOLE	0.01	ppm	1		0
THIACLOPRID	0.01	ppm	0.1		0
THIAMETHOXAM	0.01	ppm	1		0
TOTAL SPINOSAD	0.01	ppm	3		0
TRIFLOXYSTROBIN	0.01	ppm	3		0

Analyzed by: 143 | **Weight:** 1.0116g | **Extraction date:** 03/31/21 09:03:15 | **Extracted by:** 143

Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
Analytical Batch : KN000660PES
Instrument Used : E-SHI-125 Pesticides
Running on : 03/31/21 11:49:06
Reviewed On : 03/31/21 17:11:25
Batch Date : 03/31/21 08:58:32

Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.

Darren Converse
Lab Director

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

Signature

03/31/21
Signed On

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DEA Number: RC0639128

Certificate of Analysis

PASSED

CannaSerene

4398 SW Port Way
Palm City, FL, 34990, US
Telephone: (772) 907-7900
Email: shai@biosereneinc.com

Sample : KN10329006-002
Harvest/Lot ID: 25C2112
Batch# : 25C2112
Sampled : 03/26/21
Ordered : 03/26/21

Sample Size Received : 30
Completed : 03/31/21 **Expires:** 03/31/22

Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100		0
BUTANES (N-BUTANE)	500	ppm	2000		0
METHANOL	25	ppm	3000		0
ETHYLENE OXIDE	0.5	ppm	5		0.0904
PENTANES (N-PENTANE)	75	ppm	5000		0
ETHANOL	500	ppm	5000		1.0722
ETHYL ETHER	50	ppm	5000		0
1.1-DICHLOROETHENE	0.8	ppm	8		0
ACETONE	75	ppm	5000		0
2-PROPANOL	50	ppm	500		4.301
ACETONITRILE	6	ppm	410		0
DICHLOROMETHANE	12.5	ppm	600		0
N-HEXANE	25	ppm	290		0
ETHYL ACETATE	40	ppm	5000		0
CHLOROFORM	0.2	ppm	60		0
BENZENE	0.1	ppm	2		0
1,2-DICHLOROETHANE	0.2	ppm	5		0
HEPTANE	500	ppm	5000		0
TRICHLOROETHYLENE	2.5	ppm	80		0
TOLUENE	15	ppm	890		1.6028
TOTAL XYLENES - M, P & O - DIMETHYLBENZENE	15	ppm		TESTED	0

Analyzed by: 138
Weight: 0.02403g
Extraction date: 03/29/21 02:03:07
Extracted by: 138

Analysis Method : SOP.T.40.041.TN
Analytical Batch : KN000639SOL
Instrument Used : E-SHI-106 Residual Solvents
Running on : 03/29/21 15:25:53

Reviewed On : 03/30/21 14:37:26
Batch Date : 03/29/21 09:17:03

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

Darren Converse
Lab Director

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

Signature

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Labstat

CannaSerene Full Spec 1500mg Oil Fennel
N/A
Matrix : Derivative

Certificate of Analysis

PASSED

CannaSerene

4398 SW Port Way
Palm City, FL, 34990, US
Telephone: (772) 907-7900
Email: shai@biosereneinc.com

Sample : KN10329006-002
Harvest/Lot ID: 25C2112
Batch# : 25C2112
Sampled : 03/26/21
Ordered : 03/26/21

Sample Size Received : 30
Completed : 03/31/21 **Expires:** 03/31/22

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP	1726	RFU	0		1726
SALMONELLA SPECIFIC GENE	10000	RFU	377		10000
ASPERGILLUS FLAVUS	10000	RFU	197		10000
ASPERGILLUS FUMIGATUS	10000	RFU	776		10000
ASPERGILLUS NIGER	10000	RFU	0		10000
ASPERGILLUS TERREUS	10000	RFU	35		10000

Analyzed by: 142 | **Weight:** 1.0341g | **Extraction date:** N/A | **Extracted by:** N/A

Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 CFU
Analytical Batch : KN000652MIC
Instrument Used : Micro E-HEW-069
Running on : 03/30/21 11:43:40
Reviewed On : 03/31/21 17:49:41
Batch Date : 03/29/21 15:31:56

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.

Mycotoxins — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN G2	0.002	ppm	0		0.02
AFLATOXIN G1	0.002	ppm	0		0.02
AFLATOXIN B2	0.002	ppm	0		0.02
AFLATOXIN B1	0.002	ppm	0		0.02
OCHRATOXIN A+	0.002	ppm	0		0.02
TOTAL MYCOTOXINS		ppm	0	TESTED	

Analyzed by: 143 | **Weight:** 1.0116g | **Extraction date:** 03/31/21 11:03:48 | **Extracted by:** 143

Analysis Method : SOP.T.30.101.TN, SOP.T.40.101.TN
Analytical Batch : KN000661MYC
Instrument Used : E-SHI-125 Mycotoxins
Running on : 03/31/21 11:49:13
Reviewed On : 03/31/21 17:26:11
Batch Date : 03/31/21 08:59:36

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycrotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FL action limits.

Heavy Metals — PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	0		1.5
CADMIUM-CD	0.02	ppm	0		0.5
MERCURY-HG	0.02	ppm	0.0033		3
LEAD-PB	0.02	ppm	0		0.5

Analyzed by: 12 | **Weight:** 27g | **Extraction date:** N/A | **Extracted by:** N/A

Analysis Method : SOP.T.30.082, SOP.T.40.082.TN
Analytical Batch : KN000648HEA
Instrument Used : Metals ICP/MS
Running on : N/A
Reviewed On : 03/31/21 10:53:00
Batch Date : 03/29/21 13:37:49

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.

Darren Converse
Lab Director

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CannaSerene Full Spec 1500mg Oil Fennel
N/A
Matrix : Derivative

Certificate of Analysis

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Telephone: (772) 907-7900
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Filth/Foreign Material — PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	0		3

Analyzed by: **Weight:** **Extraction date:** **Extracted by:**

Analysis Method : SOP.T.40.090
Analytical Batch : KN000656FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 03/30/21 14:38:04
Batch Date : 03/30/21 11:23:58

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.

Darren Converse
Lab Director

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

Signature

03/31/21
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