Labstat
A Certified Group Company

10427 Cogdill Road, Suite 500
Knoxville, TN, 37932, US
DEA Number: RK0595249

Labstat
Ultra Broad Spectrum Hemp Oil 60mg/ml
N/A
Matrix: Infused Product

Certificate of Analysis

Sample:KN21219006-002
Harvest/Lot ID: CST313-BS6-2251
Batch#: CST313-BS6-2251
Seed to Sale# N/A
Batch Date: 12/12/22
Sample Size Received: 10 ml
Total Batch Size: N/A
Retail Product Size: 30 ml
Ordered : 12/13/22
Sampled : 12/13/22
Completed: 12/27/22
Sampling Method: N/A

Dec 27, 2022 | Green Flower Botanicals
1049 E. Brandon Blvd.
Brandon, FL, 33511, US

PASSED

PRODUCT IMAGE

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

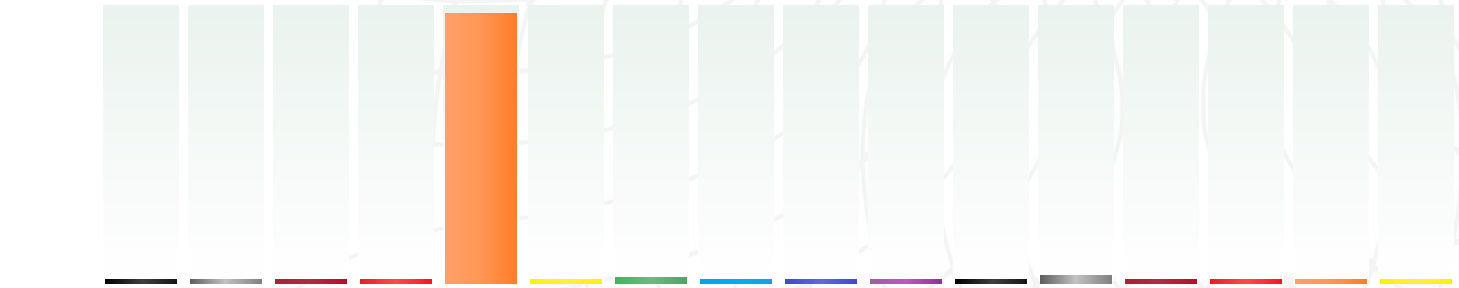
Cannabinoid

PASSED

Total THC
<0.01

Total CBD
7.1375%

Total Cannabinoids
7.5395%



	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.0451	<0.01	ND	0.046	7.1375	ND	0.12	ND	<0.01	ND	ND	0.1909	ND	ND	ND	ND
mg/ml	0.4329	<0.096	ND	0.4416	68.52	ND	1.152	ND	<0.096	ND	ND	1.8326	ND	ND	ND	ND
LOD	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.002 %	0.002 %	0.002 %

Analyzed by:
2368, 2837, 2657

Weight:
0.2049g

Extraction date:
12/19/22 13:58:33

Extracted by:
2837

Analysis Method : SOP.T.30.031.TN & SOP.T.40.031.TN 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.
Analytical Batch : KN003262POT
Instrument Used : HPLC E-SHI-008
Running on : N/A

Reviewed On : 12/21/22 14:21:21
Batch Date : 12/19/22 13:54:07

Dilution : N/A
Reagent : 062422.03; 100422.02; 121422.R04; 121422.R05; 092622.04; 100522.05
Consumables : 294108110; 22/04/01; n/a; 239146; 947B9291.271; 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%.

Sue Ferguson
Lab Director

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

Signature

12/27/22
Signed On

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Email: LABS@GREENFLOWERBOTANICALS.COM

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Harvest/Lot ID: CST313-BS6-2251
Batch# : CST313-BS6-2251
Sampled : 12/13/22
Ordered : 12/13/22
Sample Size Received : 10 ml
Total Batch Size : N/A
Completed : 12/27/22 **Expires:** 12/27/23
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
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	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
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
FENPYROXIMATE	0.01	ppm	2	PASS	ND
FIPRONIL	0.01	ppm	0.1	PASS	ND
FLONICAMID	0.01	ppm	2	PASS	ND
FLUDIOXONIL	0.01	ppm	3	PASS	ND
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
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND

Pesticide	LOD	Units	Action Level	Pass/Fail	Result
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

Analyzed by: 2803, 2368, 3035
Weight: 0.5007g
Extraction date: 12/23/22 14:56:50
Extracted by: 2803

Analysis Method : SOP.T.40.101.TN
Analytical Batch : KN003287PES
Instrument Used : E-SHI-125 Pesticides
Running on : N/A
Reviewed On : 12/27/22 18:06:52
Batch Date : 12/23/22 13:59:28

Dilution : 0.01
Reagent : N/A
Consumables : N/A
Pipette : N/A

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

Sue Ferguson
Lab Director

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

Signature

12/27/22
Signed On

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Certificate of Analysis

PASSED

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Sample : KN21219006-002
Harvest/Lot ID: CST313-BS6-2251
Batch# : CST313-BS6-2251
Sampled : 12/13/22
Ordered : 12/13/22
Sample Size Received : 10 ml
Total Batch Size : N/A
Completed : 12/27/22 **Expires:** 12/27/23
Sample Method : SOP Client Method

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	ND
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	ND
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

Analyzed by: N/A
Weight: N/A
Extraction date: N/A
Extracted by: N/A

Analysis Method : SOP.T.40.041.TN
Analytical Batch : KN003261SOL
Instrument Used : E-SHI-106 Residual Solvents
Running on : N/A
Reviewed On : 12/23/22 16:45:23
Batch Date : 12/19/22 10:18:50

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.

Sue Ferguson
Lab Director
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ISO Accreditation # 17025:2017

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Ultra Broad Spectrum Hemp Oil 60mg/ml
N/A
Matrix : Infused Product

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Sample : KN21219006-002
Harvest/Lot ID: CST313-BS6-2251
Batch# : CST313-BS6-2251
Sampled : 12/13/22
Ordered : 12/13/22

Sample Size Received : 10 ml
Total Batch Size : N/A
Completed : 12/27/22 **Expires:** 12/27/23
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	

Analyzed by: 2805 | **Weight:** 1.014g | **Extraction date:** 12/20/22 10:02:24 | **Extracted by:** 2805

Analysis Method : SOP.T.40.043
Analytical Batch : KN003266MIC
Instrument Used : Micro E-HEW-069
Running on : 12/20/22 13:24:56
Reviewed On : 12/22/22 13:36:31
Batch Date : 12/20/22 09:36:45

Dilution : N/A
Reagent : 121422.01; 101822.08; 030121.01; 072722.02
Consumables : 22/04/01; 251773; 242429; 0980420; P7528255; 250346; 253850; 93825; n/a; 10RWJ0415W03; QJ032G
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-THE-054; E-BIO-188

Mycotoxins — PASSED

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

Analyzed by: 2803 | **Weight:** 0.5007g | **Extraction date:** 12/23/22 14:56:50 | **Extracted by:** 2803

Analysis Method : SOP.T.40.101.TN
Analytical Batch : KN003289MYC
Instrument Used : E-SHI-125 Mycotoxins
Running on : N/A
Reviewed On : 12/27/22 17:05:54
Batch Date : 12/23/22 14:57:27

Dilution : 0.01
Reagent : N/A
Consumables : N/A
Pipette : N/A

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	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: 138, 2837 | **Weight:** 0.2677g | **Extraction date:** 12/22/22 12:59:47 | **Extracted by:** 138

Analysis Method : SOP.T.30.082, SOP.T.40.082.TN
Analytical Batch : KN003279HEA
Instrument Used : Metals ICP/MS
Running on : N/A
Reviewed On : 12/23/22 13:02:23
Batch Date : 12/22/22 09:44:02

Dilution : 50
Reagent : 062422.03; 121922.R03; 101422.R15; 101322.R14; 032522.01; 111122.09; 110922.R13; 071222.R13; 111022.R03; 101422.R14
Consumables : 40554-834C4-834D; 829C6-829B; 108779-06-102921; 12532-225CD-225C
Pipette : E-VWR-120; E-VWR-122

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

Sue Ferguson
Lab Director

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

Signature

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Batch# : CST313-BS6-2251
Sampled : 12/13/22
Ordered : 12/13/22

Sample Size Received : 10 ml
Total Batch Size : N/A
Completed : 12/27/22 **Expires:** 12/27/23
Sample Method : SOP Client Method

Filth/Foreign Material — PASSED

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

Analyzed by:	Weight:	Extraction date:	Extracted by:
2805	0.5361g	12/20/22 09:56:03	2805

Analysis Method : SOP.T.40.090
Analytical Batch : KN003244FIL
Instrument Used : E-AMS-138 Microscope
Running on : N/A

Reviewed On : 12/20/22 10:00:05
Batch Date : 12/15/22 11:38:23

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.

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Lab Director

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ISO Accreditation # 17025:2017

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