



Certificate of Analysis

Sample:KN30313004-001
Harvest/Lot ID: SZ870228-FS12-2310
Batch#: SZ870228-FS12-2310
Seed to Sale# N/A
Batch Date: 03/09/23
Sample Size Received: 10 ml
Total Batch Size: N/A
Retail Product Size: 30 ml
Ordered : 03/09/23
Sampled : 03/09/23
Completed: 03/16/23
Sampling Method: N/A

Mar 16, 2023 | Green Flower Botanicals

1049 E. Brandon Blvd.
Brandon, FL, 33511, US



TESTED

Page 1 of 5

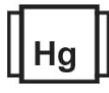
PRODUCT IMAGE



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.



Cannabinoid

TESTED



Total THC
0.3089%



Total CBD
14.0772%



Total Cannabinoids
16.123%

	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
%	0.1	0.0853	ND	0.6047	14.0024	<0.01	0.2096	ND	0.3089	ND	ND	0.8121	ND	ND	ND	ND
mg/ml	0.96	0.8188	ND	5.8051	134.423	<0.096	2.0121	ND	2.9654	ND	ND	7.7961	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: 2657, 3050 Weight: 0.2038g Extraction date: 03/13/23 11:48:13 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 : KN003612POT
Instrument Used : E-SHI-008
Running on : N/A

Reviewed On : 03/16/23 19:55:09
Batch Date : 03/13/23 08:16:34

Dilution : N/A
Reagent : 122922.09; 100422.02; 030323.R03; 030723.R03; 020323.07; 102422.09
Consumables : 294108110; 22/04/01; n/a; 239146; 947B9291.100; 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%.

This report shall not be reproduced, unless in its entirety, without written approval from Labstat. This report is an Labstat certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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

Signature

03/16/23

Signed On



Certificate of Analysis

TESTED

Green Flower Botanicals

Sample : KN30313004-001
Harvest/Lot ID: SZ870228-FS12-2310

1049 E. Brandon Blvd.
Brandon, FL, 33511, US
Telephone: (813) 906-1204
Email: LABS@GREENFLOWERBOTANICALS.COM

Batch# : SZ870228-FS12-2310 Sample Size Received : 10 ml
Sampled : 03/09/23 Total Batch Size : N/A
Ordered : 03/09/23 Completed : 03/16/23 Expires: 03/16/24
Sample Method : SOP Client Method

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	ND
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	ND	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						
DAMINOZIDE	0.006	ppm	0.1	PASS	ND						
DIAZANON	0.006	ppm	0.2	PASS	ND						
DICHLORVOS	0.014	ppm	0.1	PASS	ND						
DIMETHOATE	0.009	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.009	ppm	3	PASS	ND						
ETHOPROPHOS	0.007	ppm	0.1	PASS	ND						
ETOFENPROX	0.009	ppm	0.1	PASS	ND						
ETOXAZOLE	0.007	ppm	1.5	PASS	ND						
FENHEXAMID	0.005	ppm	3	PASS	ND						
FENOXYCARB	0.007	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.006	ppm	2	PASS	ND						
FIPRONIL	0.008	ppm	0.1	PASS	ND						
FLONICAMID	0.014	ppm	2	PASS	ND						
FLUDIOXONIL	0.011	ppm	3	PASS	ND						
HEXYTHIAZOX	0.009	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
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						
METHIACARB	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						

Analyzed by: 2803 Weight: 1.0111g Extraction date: 03/15/23 11:00:01 Extracted by: 2803
 Analysis Method : SOP.T.40.101.TN
 Analytical Batch : KN003621PES Reviewed On : 03/16/23 12:18:45
 Instrument Used : E-SHI-125 Batch Date : 03/15/23 10:52:26
 Running on : N/A
 Dilution : 0.01
 Reagent : 030723.R19; 030723.R18; 030723.R20; 122322.R26; 010523.R12; 042122.04; 032221.01
 Consumables : 294108110; K130252; 22/04/01; n/a; 01422036; 251760; 201123-058; 239146; 947b9291.100; GD210005; 1350331
 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119
 Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.
 *Based on FL action limits.

This report shall not be reproduced, unless in its entirety, without written approval from Labstat. This report is an Labstat certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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

Signature

03/16/23

Signed On


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

Certificate of Analysis

TESTED

Green Flower Botanicals

 1049 E. Brandon Blvd.
 Brandon, FL, 33511, US
 Telephone: (813) 906-1204
 Email: LABS@GREENFLOWERBOTANICALS.COM

 Sample : KN30313004-001
 Harvest/Lot ID: SZ870228-FS12-2310
 Batch# : SZ870228-FS12-2310 Sample Size Received : 10 ml
 Sampled : 03/09/23 Total Batch Size : N/A
 Ordered : 03/09/23 Completed : 03/16/23 Expires: 03/16/24
 Sample Method : SOP Client Method

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
ETHYLENE 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	<40
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: 0.02258g	Extraction date: 03/14/23 09:08:42	Extracted by: 138
------------------------	------------------	------------------------------------	-------------------

Analysis Method : SOP.T.40.041.TN	Reviewed On : 03/14/23 14:09:06
Analytical Batch : KN00361450L	Batch Date : 03/13/23 11:29:54
Instrument Used : E-SHI-106	
Running on : N/A	

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

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

This report shall not be reproduced, unless in its entirety, without written approval from Labstat. This report is an Labstat certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling order. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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

Signature

03/16/23

Signed On



Certificate of Analysis



TESTED

Green Flower Botanicals


 1049 E. Brandon Blvd.
 Brandon, FL, 33511, US
 Telephone: (813) 906-1204
 Email: LABS@GREENFLOWERBOTANICALS.COM

 Sample : KN30313004-001
 Harvest/Lot ID: SZ870228-FS12-2310
 Batch# : SZ870228-FS12-2310 Sample Size Received : 10 ml
 Sampled : 03/09/23 Total Batch Size : N/A
 Ordered : 03/09/23 Completed : 03/16/23 Expires: 03/16/24
 Sample Method : SOP Client Method

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 Weight: 1.0241g Extraction date: 03/13/23 11:28:01 Extracted by: 2805						Analyzed by: 2803 Weight: 1.0111g Extraction date: 03/15/23 11:00:01 Extracted by: 2803					
Analysis Method : SOP.T.40.043 Analytical Batch : KN003613MIC Instrument Used : E-HEW-069 Running on : N/A						Analysis Method : SOP.T.40.101.TN Analytical Batch : KN003622MYC Instrument Used : E-SHI-125 Running on : N/A					
Dilution : N/A Reagent : 020323.02; 101822.09; 010923.03; 072722.05 Consumables : 22/04/01; 251773; 242429; 2DAX30621; P7528255; 41218-146C4-146C; 263989; 93825; 005104; 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-THE-054; E-BIO-188						Dilution : 0.01 Reagent : 030723.R19; 030723.R18; 030723.R20; 122322.R26; 010523.R12; 042122.04; 032221.01 Consumables : 294108110; K130252; 22/04/01; n/a; 01422036; 251760; 201123-058; 239146; 947b9291.100; GD210005; 1350331 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119					

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycotoxins 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: 2837, 3050 Weight: 0.2503g Extraction date: 03/15/23 16:33:07 Extracted by: 2837					
Analysis Method : SOP.T.30.082, SOP.T.40.082.TN Analytical Batch : KN003616HEA Instrument Used : E-AGI-084 Running on : N/A					
Dilution : N/A Reagent : 122922.09; 100422.02; 030923.R03; 122822.R06; 032522.01; 111122.09; 012023.R27; 022823.R12; 030923.R05; 030923.R06; 012523.R01; 010323.R06; 031423.R01 Consumables : 257747; 829C6-829B; 221200; 12568-237CD-237C; A30701833 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.



Certificate of Analysis

TESTED

Green Flower Botanicals

1049 E. Brandon Blvd.
Brandon, FL, 33511, US
Telephone: (813) 906-1204
Email: LABS@GREENFLOWERBOTANICALS.COM

Sample : KN30313004-001
Harvest/Lot ID: SZ870228-FS12-2310
Batch# : SZ870228-FS12-2310
Sampled : 03/09/23
Ordered : 03/09/23

Sample Size Received : 10 ml
Total Batch Size : N/A
Completed : 03/16/23 Expires: 03/16/24
Sample Method : SOP Client Method

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: 0.5271g	Extraction date: 03/13/23 11:28:57	Extracted by: 2805
----------------------	--------------------	---------------------------------------	-----------------------

Analysis Method : SOP.T.40.090
Analytical Batch : KN003580FIL
Instrument Used : E-AMS-138
Running on : N/A

Reviewed On : 03/13/23 16:08:38
Batch Date : 03/02/23 09:30:54

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.

This report shall not be reproduced, unless in its entirety, without written approval from Labstat. This report is an Labstat certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

Sue Ferguson

Lab Director

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

Signature

03/16/23

Signed On