



Certificate of Analysis

Sample:KN30508003-001
Harvest/Lot ID: SZ870228-FS3-2318
Batch#: SZ870228-FS3-2318
Batch Date: 05/03/23
Sample Size Received: 10 ml
Retail Product Size: 30 ml
Ordered : 05/03/23
Sampled : 05/03/23
Completed: 05/11/23

May 11, 2023 | Green Flower Botanicals
1049 E. Brandon Blvd.
Brandon, FL, 33511, US



PASSED
Page 1 of 5

PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals Solvents
PASSED

Filtration
PASSED

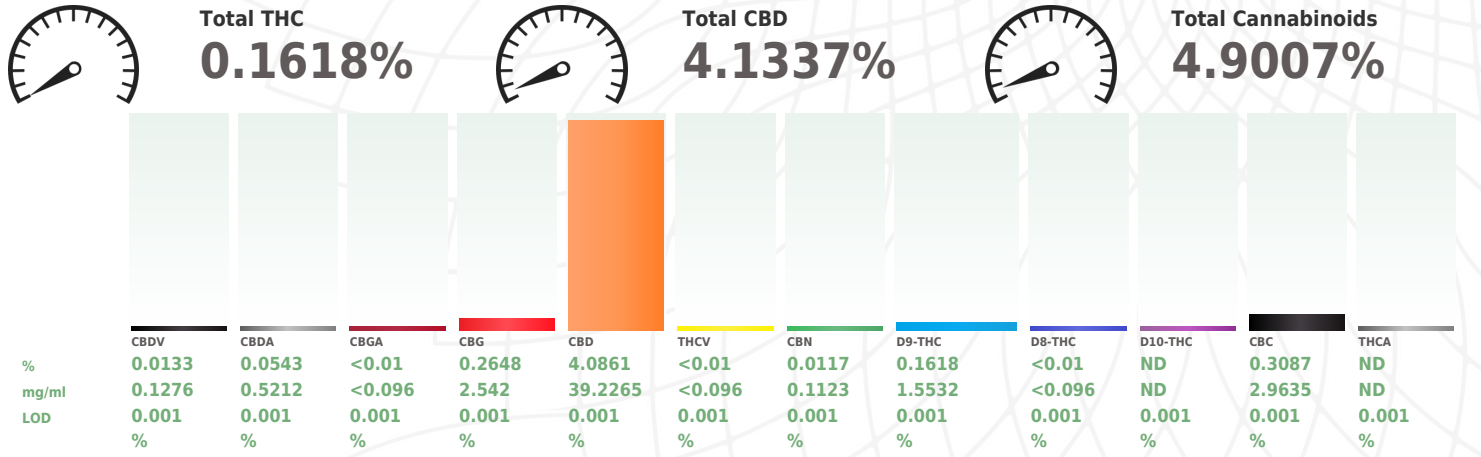
Water Activity
NOT TESTED

Moisture
NOT TESTED

Terpenes
NOT TESTED

MISC.

PASSED



Analyzed by: 2657 **Weight:** 0.206g **Extraction date:** 05/08/23 09:44:47 **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 : KN003746POT **Reviewed On :** 05/08/23 16:48:27
Instrument Used : E-SHI-008 **Batch Date :** 05/08/23 08:15:38
Running on : N/A
Dilution : N/A
Reagent : 122922.10; 100422.02; 050423.R01; 050223.R01; 102722.04; 020323.09
Consumables : 301011028; 22/04/01; 220725; 239146; 947B9291.271; GD210005; 6121219; 600054; 220303059-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

05/11/23
Signed On


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

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 Sample : KN30508003-001
 Harvest/Lot ID: SZ870228-FS3-2318

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

 Batch# : SZ870228-FS3-2318 Sample Size Received : 10 ml
 Sampled : 05/03/23 Completed : 05/11/23 Expires: 05/11/24
 Ordered : 05/03/23

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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
CHLORANTRANILPROLE	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						
FENOXICARB	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						
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						

Analyzed by: 2803 Analysis Method : SOP.T.40.101.TN Analytical Batch : KN003757PES Instrument Used : E-SHI-125 Running on : N/A Dilution : 0.01 Reagent : 010523.R11; 010523.R13; 030723.R19; 040623.R01; 040623.R02; 122322.R26 Consumables : 301011028; 674277-E23452; 22/04/01; 220725; 2126780; 264041; 201123-058; 211214634-D; 239146; 94789291.271; GD220003; 1350331; 1300.062 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119	Weight: 1.0081g Extraction date: 05/10/23 12:32:49 Extracted by: 2803 Reviewed On : 05/11/23 15:53:10 Batch Date : 05/10/23 11:38:04
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Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry.
 *Based on FL action limits.

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Sue Ferguson

Lab Director

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 ISO Accreditation # 17025:2017

Signature

05/11/23

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

 Batch# : SZ870228-FS3-2318 Sample Size Received : 10 ml
 Sampled : 05/03/23 Completed : 05/11/23 Expires: 05/11/24
 Ordered : 05/03/23

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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	<380
ETHYL ETHER	10	ppm	500	PASS	ND
1,1-DICHLOROETHENE	0.6	ppm	8	PASS	ND
ACETONE	15	ppm	750	PASS	<68
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	<275
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: 0.02327g	Extraction date: 05/10/23 09:21:27	Extracted by: 138
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Analysis Method : SOP.T.40.041.TN	Reviewed On : 05/10/23 18:09:44
Analytical Batch : KN003747SOL	Batch Date : 05/08/23 12:41:54
Instrument Used : E-SHI-106	
Running on : N/A	

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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Lab Director

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PASSED

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 Harvest/Lot ID: SZ870228-FS3-2318

 1049 E. Brandon Blvd.
 Brandon, FL, 33511, US
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 Batch# : SZ870228-FS3-2318 Sample Size Received : 10 ml
 Sampled : 05/03/23 Completed : 05/11/23 Expires: 05/11/24
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
	Microbial	PASSED		Mycotoxins	PASSED
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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: 1.0138g Extraction date: 05/08/23 09:14:34 Extracted by: 2805	Analyzed by: 2803 Weight: 1.0081g Extraction date: 05/10/23 12:32:49 Extracted by: 2803
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Analysis Method : SOP.T.40.056C, SOP.T.40.041 LOD is 1 cfu Analytical Batch : KN003728MIC Instrument Used : E-HEW-069 Running on : N/A Dilution : N/A Reagent : 020323.03; 101822.09; 101822.07; 010923.04; 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-THE-054; E-BIO-188	Analysis Method : SOP.T.40.101.TN Analytical Batch : KN003758MYC Instrument Used : E-SHI-125 Running on : N/A Dilution : 0.01 Reagent : 010523.R11; 010523.R13; 030723.R19; 040623.R01; 040623.R02; 122322.R26 Consumables : 301011028; 674277-E23452; 22/04/01; 220725; 21267B0; 264041; 201123-058; 211214634-D; 239146; 947B9291.271; GD220003; 1350331; 1300.062 Pipette : E-VWR-116; E-VWR-117; E-VWR-118; E-VWR-119
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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
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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: 0.2518g Extraction date: 05/08/23 14:48:47 Extracted by: 2837

Analysis Method : SOP.T.30.082, SOP.T.40.082.TN Analytical Batch : KN003748HEA Instrument Used : E-AGI-084 Running on : N/A Dilution : N/A Reagent : 122922.10; 100422.02; 050323.R13; 050323.R02; 101722.05; 022023.01; 042723.R05; 031623.R01; 031423.R01; 050323.R01; 040523.R01; 040523.R02; 040523.R03; 031623.R02; 041923.R03 Consumables : 257747; 829C6-829B; 221200; A260422A Pipette : E-EPP-081; E-EPP-082	Reviewed On : 05/09/23 16:37:54 Batch Date : 05/08/23 12:46:08
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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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Lab Director

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Page 5 of 5

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

Analyzed by: 2805	Weight: 0.5257g	Extraction date: 05/08/23 09:15:42	Extracted by: 2805
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Analysis Method : SOP.T.40.090	Reviewed On : 05/08/23 09:21:24
Analytical Batch : KN003738FIL	Batch Date : 05/04/23 09:20:35
Instrument Used : E-AMS-138	
Running on : N/A	

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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