



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30314009-001
Harvest/Lot ID: ID-HYB-BS-030923-C0079
Batch#: 1474 7285 6943 7659
Cultivation Facility: Zolfo Springs Cultivation
Processing Facility: Zolfo Springs Processing
Distributor Facility:
Source Facility: Zolfo Springs Cultivation
Seed to Sale# 7768 4947 9133 5971
Batch Date: 02/10/23
Sample Size Received: 38.5 gram
Total Amount: 2814 units
Retail Product Size: 3.5 gram
Ordered : 03/13/23
Sampled : 03/13/23
Completed: 03/16/23
Sampling Method: SOP.T.20.010

Mar 16, 2023 | FLUENT

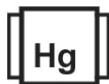
82 NE 26th street
Miami, FL, 33137, US

PASSED

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PRODUCT IMAGE

SAFETY RESULTS

Pesticides
PASSED

Heavy Metals
PASSED

Microbials
PASSED

Mycotoxins
PASSED

Residuals Solvents
NOT TESTED

Filtration
PASSED

Water Activity
PASSED

Moisture
PASSED

Terpenes
TESTED
MISC.

Cannabinoid
PASSED

Total THC
19.525%
Total THC/Container : 683.375 mg

Total CBD
0.045%
Total CBD/Container : 1.575 mg

Total Cannabinoids
22.9%
Total Cannabinoids/Container : 801.5 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC	TOTAL CBD (DRY)	TOTAL THC (DRY)	TOTAL CANNABINOIDS (DRY)
%	0.32	21.899	ND	0.052	0.032	0.07	0.472	<0.01	ND	ND	0.055	0.051	22.293	26.147
mg/unit	11.2	766.465	ND	1.82	1.12	2.45	16.52	<0.35	ND	ND	1.925	1.785	780.255	915.145
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
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
3112, 1665, 585, 1440

Weight:
0.1981g

Extraction date:
03/14/23 11:48:55

Extracted by:
3112

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : DA057317POT

Instrument Used : DA-LC-002

Running on : 03/14/23 12:06:24

Reviewed On : 03/15/23 11:47:59

Batch Date : 03/14/23 09:59:45

Dilution : 400

Reagent : 071222.01; 030223.R09; 031323.R05

Consumables : 245081; CE0123; 12607-302CC-302; 61633-125C6-125E; R1KB14270

Pipette : DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.



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7659

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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	75.775	2.165		FARNESENE	0.007	0.525	0.015	
TOTAL TERPENEOL	0.007	1.855	0.053		ALPHA-HUMULENE	0.007	2.66	0.076	
ALPHA-BISABOLOL	0.007	ND	ND		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	4.13	0.118		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHERE	0.007	<0.7	<0.02		TRANS-NEROLIDOL	0.007	<0.7	<0.02	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	<0.7	<0.02	
BETA-PINENE	0.007	3.78	0.108		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	1.785	0.051		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		Analyzed by: 2076, 585, 1440 Weight: 0.8976g Extraction date: 03/14/23 12:39:48 Extracted by: 2076 Analysis Method: SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch: DA057321TER Instrument Used: DA-GCMS-004 Running on: 03/14/23 16:17:30 Dilution: 10 Reagent: 121622.26 Consumables: 210414634; MKCN9995; CE0123; R1KB14270 Pipette: N/A Reviewed On: 03/15/23 11:47:59 Batch Date: 03/14/23 10:07:28 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
3-CARENE	0.007	ND	ND						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	20.475	0.585						
EUCALYPTOL	0.007	ND	ND						
OCIMENE	0.007	5.985	0.171						
GAMMA-TERPINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
FENCHONE	0.007	ND	ND						
LINALOOL	0.007	4.62	0.132						
FENCHYL ALCOHOL	0.007	2.765	0.079						
ISOPULEGOL	0.007	ND	ND						
CAMPOR	0.013	ND	ND						
ISOBORNEOL	0.007	ND	ND						
BORNEOL	0.013	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
GERANIOL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	9.555	0.273						
Total (%)			2.165						



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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	5	PASS	ND	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	0.2	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	0.1	PASS	ND	PHOSMET	0.01	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	0.5	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	0.2	PASS	ND	PRALLETHRIN	0.01	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.01	ppm	0.1	PASS	ND	PROPICONAZOLE	0.01	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.1	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	0.2	PASS	ND
ACEQUINOCYL	0.01	ppm	0.1	PASS	ND	SPIROMESIFEN	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	0.1	PASS	ND
BIFENAZATE	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.1	PASS	ND	THIAMETHOXAM	0.01	ppm	0.5	PASS	ND
BOSCALID	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.15	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILPROLE	0.01	ppm	1	PASS	ND	CAPTAN *	0.07	PPM	0.7	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	1	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.05	PPM	0.5	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	0.5	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZINON	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	585, 3379, 1440	0.9742g	03/14/23 14:01:32	585,450		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analysis Method :SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville),					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	SOP.T.40.102.FL (Davie)					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Analytical Batch :DA057312PES			Reviewed On :03/15/23 11:39:44		
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Instrument Used :DA-LCMS-003 (PES)			Batch Date :03/14/23 09:34:48		
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Running on :03/14/23 15:29:44					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Dilution : 250					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Reagent : 030823.R28; 031323.R01; 031023.R02; 030923.R14; 022123.R33; 030823.R01; 040521.11					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02					
FLONICAMID	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
IMAZALIL	0.01	ppm	0.1	PASS	ND	450, 53, 1440, 585	0.9742g	03/14/23 14:01:32	585,450		
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Analysis Method :SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA057314VOL			Reviewed On :03/15/23 10:58:09		
MALATHION	0.01	ppm	0.2	PASS	ND	Instrument Used :DA-GCMS-006			Batch Date :03/14/23 09:37:49		
METALAXYL	0.01	ppm	0.1	PASS	ND	Running on : N/A					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Dilution : 250					
METHOMYL	0.01	ppm	0.1	PASS	ND	Reagent : 031023.R02; 040521.11; 030923.R23; 030923.R24					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02; 14725401					
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
NALED	0.01	ppm	0.25	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					



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	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	560	PASS	100000

Analyzed by: 3336, 3621, 585, 1440 Weight: 0.9800g Extraction date: 03/14/23 11:35:57 Extracted by: 3621,3390,3336

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL

Analytical Batch : DA057303MIC

Instrument Used : PathogenDx Scanner DA-111

Running on : 03/14/23 11:42:28

Reviewed On : 03/16/23 12:47:40

Batch Date : 03/14/23 09:10:39

Dilution : N/A

Reagent : 011223.38; 030723.R28; 072122.22

Consumables : N/A

Pipette : N/A

Analyzed by: 3336, 3621, 585, 1440 Weight: 0.9800g Extraction date: 03/14/23 11:35:57 Extracted by: 3621,3390,3336

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL

Analytical Batch : DA057327TYM

Instrument Used : Incubator (25-27C) DA-097

Running on : 03/14/23 11:41:55

Reviewed On : 03/16/23 13:38:01

Batch Date : 03/14/23 11:35:59

Dilution : 10

Reagent : 011223.38

Consumables : 007109

Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Analyte	LOD	Units	Result	Pass / Fail	Action Level
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
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02

Analyzed by: 585, 3379, 1440 Weight: 0.9742g Extraction date: 03/14/23 14:01:32 Extracted by: 585,450

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)

Analytical Batch : DA057313MYC

Instrument Used : DA-LCMS-003 (MYC)

Running on : 03/14/23 15:29:53

Reviewed On : 03/15/23 11:40:16

Batch Date : 03/14/23 09:37:44

Dilution : 250

Reagent : 030823.R28; 031323.R01; 031023.R02; 030923.R14; 022123.R33; 030823.R01; 040521.11

Consumables : 6697075-02

Pipette : DA-093; DA-094; DA-219

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



Heavy Metals

PASSED

Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.11	ppm	ND	PASS	1.1
ARSENIC	0.02	ppm	ND	PASS	0.2
CADMIUM	0.02	ppm	ND	PASS	0.2
MERCURY	0.02	ppm	ND	PASS	0.2
LEAD	0.05	ppm	ND	PASS	0.5

Analyzed by: 1022, 585, 1440 Weight: 0.4024g Extraction date: 03/14/23 10:19:48 Extracted by: 3619

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL

Analytical Batch : DA057304HEA

Instrument Used : DA-ICPMS-003

Running on : 03/14/23 14:05:30

Reviewed On : 03/15/23 11:43:18

Batch Date : 03/14/23 09:11:57

Dilution : 50

Reagent : 021723.R02; 123022.R14; 031023.R25; 030623.R30; 031023.R23; 031023.R24; 030123.R46; 022323.R22; 020123.02

Consumables : 179436; 210508058; 12607-302CC-302

Pipette : DA-061; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



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Filth/Foreign Material
PASSED

Moisture
PASSED

Analyte	LOD	Units	Result	P/F	Action Level	Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1	Moisture Content	1	%	12.42	PASS	15
Analyzed by: 1879, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A			Analyzed by: 2926, 585, 1440	Weight: 0.491g	Extraction date: 03/14/23 12:41:13	Extracted by: 2926		
Analysis Method : SOP.T.40.090			Reviewed On : 03/15/23 15:36:06 Batch Date : 03/15/23 09:47:45			Analysis Method : SOP.T.40.021			Reviewed On : 03/14/23 14:14:22 Batch Date : 03/14/23 10:35:07		
Analytical Batch : DA057357FIL						Analytical Batch : DA057324MOI					
Instrument Used : Filth/Foreign Material Microscope						Instrument Used : DA-003 Moisture Analyzer					
Running on : 03/15/23 15:23:30						Running on : 03/14/23 12:40:45					
Dilution : N/A						Dilution : N/A					
Reagent : N/A						Reagent : N/A					
Consumables : N/A						Consumables : N/A					
Pipette : N/A						Pipette : N/A					

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.

Moisture Content analysis utilizing loss-on-drying technology in accordance with F.S. Rule 64ER20-39.


Water Activity
PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.01	aw	0.557	PASS	0.65
Analyzed by: 2926, 585, 1440	Weight: 0.6g	Extraction date: 03/14/23 12:23:02		Extracted by: 2926	
Analysis Method : SOP.T.40.019			Reviewed On : 03/14/23 14:14:24 Batch Date : 03/13/23 08:52:36		
Analytical Batch : DA057269WAT					
Instrument Used : DA-028 Rotronic HygroPalm					
Running on : 03/13/23 09:39:14					
Dilution : N/A					
Reagent : 100522.09					
Consumables : PS-14					
Pipette : N/A					

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.