



Certificate of Analysis

COMPLIANCE FOR RETAIL

Sample: DA30214009-010
Harvest/Lot ID: HYB-CHM-102022-C0062
Batch#: 4260 0650 6601 4315
Cultivation Facility: Zolfo Springs Cultivation
Processing Facility: Tampa Processing
Distributor Facility:
Source Facility: Zolfo Springs Cultivation
Seed to Sale# 1328 4983 4865 9918
Batch Date: 10/03/22
Sample Size Received: 26 gram
Total Amount: 919 units
Retail Product Size: 1 gram
Ordered: 02/13/23
Sampled: 02/13/23
Completed: 02/16/23
Sampling Method: SOP.T.20.010

Feb 16, 2023 | FLUENT

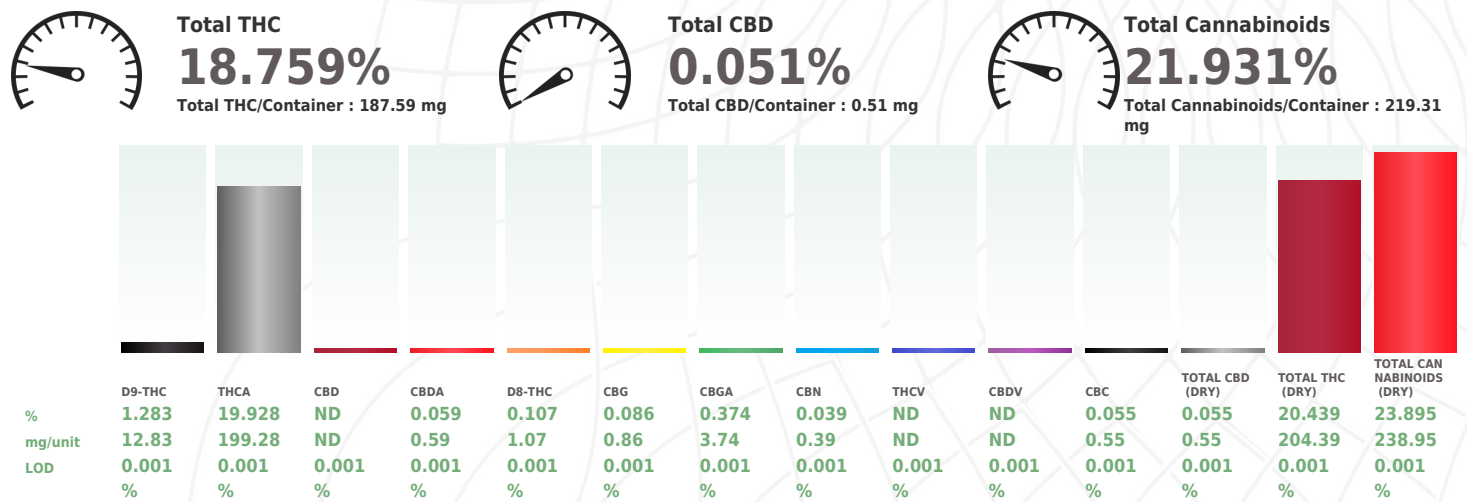
82 NE 26th street
Miami, FL, 33137, US

PASSED

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents NOT TESTED	 Filtration PASSED	 Water Activity PASSED	 Moisture PASSED	 Terpenes TESTED

	Cannabinoid	PASSED
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Analyzed by:
3112, 1665, 585, 1440

Weight:
0.2024g

Extraction date:
02/14/23 11:37:44

Extracted by:
3112

Analysis Method : SOP.T.40.031, SOP.T.30.031
Analytical Batch : DA056096POT
Instrument Used : DA-LC-002
Running on : 02/14/23 11:53:35

Reviewed On : 02/15/23 13:31:52
Batch Date : 02/14/23 09:15:30

Dilution : 400
Reagent : 020723.R05; 071222.01; 020723.R06
Consumables : 239146; CE0123; 12265-115CC; 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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Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	6.01	0.601		FARNESENE	0.007	ND	ND	
TOTAL TERPENEOL	0.007	0.26	0.026		ALPHA-HUMULENE	0.007	0.77	0.077	
ALPHA-BISABOLOL	0.007	0.37	0.037		VALENCENE	0.007	ND	ND	
ALPHA-PINENE	0.007	<0.2	<0.02		CIS-NEROLIDOL	0.007	ND	ND	
CAMPHERE	0.007	ND	ND		TRANS-NEROLIDOL	0.007	0.31	0.031	
SABINENE	0.007	ND	ND		CARYOPHYLLENE OXIDE	0.007	0.24	0.024	
BETA-PINENE	0.007	<0.2	<0.02		GUAIOL	0.007	ND	ND	
BETA-MYRCENE	0.007	<0.2	<0.02		CEDROL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		Analyzed by: 2076, 53, 1440 Weight: 0.8956g Extraction date: 02/14/23 12:12:11 Extracted by: 2076				
3-CARENE	0.007	ND	ND		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA056098TER Instrument Used : DA-GCMS-004 Running on : 02/15/23 10:18:22 Reviewed On : 02/16/23 10:20:30 Batch Date : 02/14/23 09:19:33				
ALPHA-TERPINENE	0.007	ND	ND		Dilution : 10 Reagent : 120722.10 Consumables : 210414634; MKCN9995; CE0123; R1KB14270 Pipette : N/A				
LIMONENE	0.007	0.22	0.022		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
EUCALYPTOL	0.007	ND	ND						
OCIMENE	0.007	ND	ND						
GAMMA-TERPINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	<0.2	<0.02						
TERPINOLENE	0.007	<0.2	<0.02						
FENCHONE	0.007	<0.2	<0.02						
LINALOOL	0.007	0.52	0.052						
FENCHYL ALCOHOL	0.007	0.28	0.028						
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	<0.2	<0.02						
GERANIOL	0.007	<0.2	<0.02						
GERANYL ACETATE	0.007	ND	ND						
ALPHA-CEDRENE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	2.1	0.21						
Total (%)			0.601						



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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
CHLORANTRANILIPROLE	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
CLOFENTHINE	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: 585, 53, 1440	Weight: 1.0277g	Extraction date: 02/14/23 11:38:59	Extracted by: 450,585		
DICHLORVOS	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), SOP.T.40.102.FL (Davie)					
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA056105PES				Reviewed On : 02/15/23 15:45:36	
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-003 (PES)				Batch Date : 02/14/23 09:58:38	
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Running on : 02/14/23 13:06:50					
ETOXAZOLE	0.01	ppm	0.1	PASS	ND	Dilution : 250					
FENHEXAMID	0.01	ppm	0.1	PASS	ND	Reagent : 021323.R01; 021423.R04; 021323.R14; 020923.R02; 012423.R21; 020823.R01; 040521.11					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02					
FENPYROXIMATE	0.01	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FIPRONIL	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.					
FLONICAMID	0.01	ppm	0.1	PASS	ND	Analyzed by: 450, 585, 1440	Weight: 1.0277g	Extraction date: 02/14/23 11:38:59	Extracted by: 450,585		
FLUDIOXONIL	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
HEXYTHIAZOX	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA056107VOL				Reviewed On : 02/15/23 13:13:00	
IMAZALIL	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-GCMS-006				Batch Date : 02/14/23 10:01:10	
IMIDACLOPRID	0.01	ppm	0.4	PASS	ND	Running on : 02/14/23 13:23:30					
KRESOXIM-METHYL	0.01	ppm	0.1	PASS	ND	Dilution : 250					
MALATHION	0.01	ppm	0.2	PASS	ND	Reagent : 021323.R14; 040521.11; 021023.R34; 021023.R35					
METALAXYL	0.01	ppm	0.1	PASS	ND	Consumables : 6697075-02; 14725401					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
METHOMYL	0.01	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	0.1	PASS	ND						
NALED	0.01	ppm	0.25	PASS	ND						



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 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 B2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS							
TOTAL YEAST AND MOLD	10	CFU/g	570	PASS	100000						
Analyzed by: 3390, 3621, 53, 1440 Weight: 1.0525g Extraction date: 02/14/23 12:09:45 Extracted by: 3390, 3336 Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch : DA056093MIC Instrument Used : DA-265 Gene-UP RTPCR Running on : 02/14/23 12:32:32 Dilution : N/A Reagent : 012423.R27; 020823.R57 Consumables : 500124 Pipette : N/A						Analyzed by: 585, 53, 1440 Weight: 1.0277g Extraction date: 02/14/23 11:38:59 Extracted by: 450, 585 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 : DA056106MYC Instrument Used : N/A Running on : 02/14/23 13:07:01 Dilution : 250 Reagent : 021323.R01; 021423.R04; 021323.R14; 020923.R02; 012423.R21; 020823.R01; 040521.11 Consumables : 6697075-02 Pipette : DA-093; DA-094; DA-219					
Analyzed by: 3390, 3621, 585, 1440 Weight: 1.1413g Extraction date: 02/14/23 12:32:34 Extracted by: 3390, 3336 Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL Analytical Batch : DA056124TYM Instrument Used : Incubator (25-27C) DA-097 Running on : 02/14/23 13:30:51 Dilution : 10 Reagent : 110822.12; 013123.R21 Consumables : N/A Pipette : N/A						Analyzed by: 1022, 53, 1440, 585 Weight: 0.4669g Extraction date: 02/14/23 09:54:31 Extracted by: 3619 Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL Analytical Batch : DA056099HEA Instrument Used : DA-ICPMS-003 Running on : 02/14/23 14:58:47 Dilution : 50 Reagent : 012523.R01; 123022.R14; 021023.R29; 020723.R33; 021023.R27; 021023.R28; 012323.R43; 020723.R34; 020123.02 Consumables : 179436; 210508058; 210803-059 Pipette : DA-061; DA-216					
Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.						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, 53, 1440, 585 Weight: 0.4669g Extraction date: 02/14/23 09:54:31 Extracted by: 3619 Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL Analytical Batch : DA056099HEA Instrument Used : DA-ICPMS-003 Running on : 02/14/23 14:58:47 Dilution : 50 Reagent : 012523.R01; 123022.R14; 021023.R29; 020723.R33; 021023.R27; 021023.R28; 012323.R43; 020723.R34; 020123.02 Consumables : 179436; 210508058; 210803-059 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
Filth and Foreign Material	0.5	%	ND	PASS	1
Analyzed by: 1879, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A		
Analysis Method : SOP.T.40.090			Reviewed On : 02/15/23 21:53:47 Batch Date : 02/15/23 21:45:29		
Analytical Batch : DA056179FIL					
Instrument Used : Filth/Foreign Material Microscope					
Running on : 02/15/23 21:49:30					
Dilution : N/A					
Reagent : N/A					
Consumables : 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.


Water Activity

PASSED

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.427	PASS	0.65
Analyzed by: 2926, 585, 1440	Weight: 0.567g	Extraction date: 02/14/23 12:16:05		Extracted by: 2926	
Analysis Method : SOP.T.40.019					
Analytical Batch : DA056108WAT			Reviewed On : 02/15/23 13:32:32		
Instrument Used : DA-028 Rotronic Hygropalm			Batch Date : 02/14/23 10:08:02		
Running on : 02/14/23 11:14:49					
Dilution : N/A					
Reagent : 100522.07					
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.

Analyte	LOD	Units	Result	P/F	Action Level
Moisture Content	1	%	8.22	PASS	15
Analyzed by: 2926, 585, 1440	Weight: 0.499g	Extraction date: 02/14/23 13:26:09		Extracted by: 2926	
Analysis Method : SOP.T.40.021					
Analytical Batch : DA055993MOI			Reviewed On : 02/15/23 13:31:15		
Instrument Used : DA-003 Moisture Analyzer			Batch Date : 02/11/23 15:39:09		
Running on : 02/13/23 16:01:56					
Dilution : N/A					
Reagent : 101920.06; 020123.02					
Consumables : N/A					
Pipette : DA-066					

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