



# Certificate of Analysis

Sample: DA10401009-002

Harvest/Lot ID: ZKF3C1

Cultivation Facility: N/A

Processing Facility: N/A

Seed to Sale #ZKF3C1

Batch Date : 04/01/21

Batch#: ZKF3C1

Sample Size Received: 42 gram

Total Weight/Volume: 225 units

Retail Product Size: 14 gram

Ordered : 04/01/21

sampled : 04/01/21

Completed: 04/06/21

Sampling Method: SOP.T.20.010

Apr 06, 2021 | The Flowery

Samples From:  
Homestead, FL, 33090, US

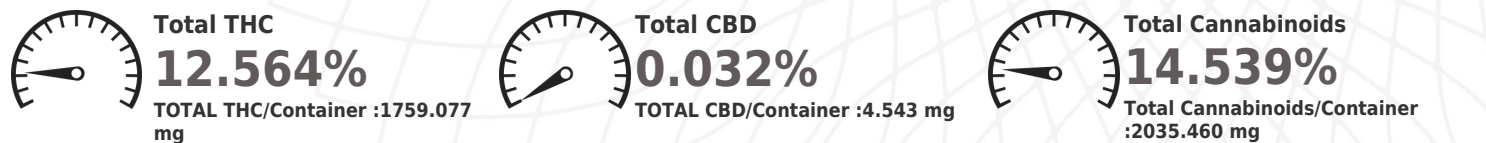
THE FLOWERY

**PASSED**

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

## CANNABINOID RESULTS



	CBDV	CBD	CBGA	CBG	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	ND	0.0370	0.2100	ND	ND	ND	0.2500	ND	<0.010	14.0420
mg/g	ND	0.3700	2.1000	ND	ND	ND	2.5000	ND	<0.010	140.4199
LOD	0.0010	0.0010	0.0010	0.0010	0.0001	0.0010	0.0001	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%

## Cannabinoid Profile Test

Analyzed by	Weight	Extraction date :	Extracted By :
450	0.2045g	04/05/21 01:04:23	2198
Analysis Method -SOP.T.40.020, SOP.T.30.050		Reviewed On - 04/06/21 15:17:48	Batch Date : 04/05/21 10:49:38
Analytical Batch -DA024665POT		Instrument Used : DA-LC-002	

Reagent	Dilution	Consums. ID
040221.R12	400	280678841
012721.17		11945-019CD-019C
040221.R11		76262-590
		914C4-914AK
		929C6-929H

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

Filtration	PASSED
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Analyzed By	Weight	Extraction date	Extracted By
457	NA	NA	NA
Analyte		LOD	Result
Filtration and Foreign Material		0.1	ND
Analysis Method -SOP.T.40.013		Batch Date : 04/02/21 10:17:33	
Analytical Batch -DA024618FIL		Reviewed On - 04/02/21 10:30:14	
Instrument Used : Filtration/Foreign Material Microscope			

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

Water Activity	PASSED
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Analyte	Analyzed by Weight	Ext. date	LOD	A.L.	Result
WATER ACTIVITY	457	NA	0.01 aw	0.65aw	0.581aw
Analysis Method -Water Activity					
SOP.T.40.010		Batch Date : 04/02/21 10:07:50			
Analytical Batch -DA024613WAT		Reviewed On - 04/02/21 14:52:28			
Instrument Used : DA-028 Rotronic Hygropalm					

Moisture	PASSED
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Analyte	Analyzed by Weight	Ext. date	LOD	A.L.	Result
MOISTURE CONTENT	457	NA	1 %	15%	12.960%
Analysis Method -Moisture					
Analysis SOP.T.40.011		Batch Date : 04/02/21 09:59:23			
Analytical Batch -DA024613MOI		Reviewed On - 04/02/21 15:01:53			
Instrument Used : DA-003 Moisture Analyzer					

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Jorge Segredo  
Lab Director

State License # CMTL-0002  
ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164

  
Signature

04/06/21

Signed On



# Certificate of Analysis

**PASSED**

Samples From:  
 Homestead, FL, 33090, US  
**Telephone:** (321) 266-2467  
**Email:** osivan@moozacapital.com

**Sample : DA10401009-002**
**Harvest/LOT ID: ZKF3C1**
**Batch# : ZKF3C1**
**Sampled : 04/01/21**
**Ordered : 04/01/21**
**Sample Size Received : 42 gram**
**Total Weight/Volume : 225 units**
**Completed : 04/06/21 Expires: 04/06/22**
**Sample Method : SOP.T.20.010**
**Page 2 of 4**


## Terpenes

**TESTED**

Terpenes	LOD(%)	mg/g	%	Result (%)	Terpenes	LOD(%)	mg/g	%	Result (%)
CAMPHENE	0.007	ND	ND		TERPINEOL	0.007	< 0.2	< 0.020	
BETA-MYRCENE	0.007	0.242	0.024		GERANIOL	0.007	ND	ND	
ALPHA-PHELLANDRENE	0.007	ND	ND		PULEGONE	0.007	ND	ND	
3-CARENE	0.007	ND	ND		ALPHA-CEDRENE	0.007	ND	ND	
OCIMENE	0.007	ND	ND		ALPHA-HUMULENE	0.007	1.368	0.136	
EUCALYPTOL	0.007	ND	ND		TRANS-NEROLIDOL	0.007	0.418	0.041	
LINALOOL	0.007	0.586	0.058		GUAJOL	0.007	ND	ND	
FENCHONE	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
BETA-CARYOPHYLLENE	0.007	3.873	0.387						
VALENCENE	0.007	ND	ND						
CIS-NEROLIDOL	0.007	ND	ND						
CARYOPHYLLENE OXIDE	0.007	ND	ND						
CEDROL	0.007	ND	ND						
FARNESENE	0.007	0.259	0.025						
ALPHA-BISABOLOL	0.007	0.221	0.022						
ALPHA-PINENE	0.007	< 0.2	< 0.020						
SABINENE	0.007	ND	ND						
BETA-PINENE	0.007	< 0.2	< 0.020						
ALPHA-TERPINENE	0.007	ND	ND						
LIMONENE	0.007	1.544	0.154						
GAMMA-TERPINENE	0.007	ND	ND						
TERPINOLENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
FENCHYL ALCOHOL	0.007	ND	ND						
CAMPHOR	0.013	ND	ND						
BORNEOL	0.013	ND	ND						
<b>Total (%)</b>		0.851							



## Terpenes

**TESTED**

**Analyzed by** 1351 **Weight** 0.974g **Extraction date** 04/02/21 11:04:10 **Extracted By** 1351

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -DA0245747ER**  
**Instrument Used : DA-GCMS-004**  
**Running On :**  
**Batch Date : 04/01/21 09:28:00**

Reagent	Dilution	Consums. ID
032921.R45	10	CE0123
032921.R46		R1AB59720
032221.R03		
032521.R01		

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography - Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.



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**Sample Method : SOP.T.20.010**
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## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.1	ND	PYRETHRINS	0.05	ppm	0.5	ND
ACEPHATE	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	0.2	ND
ACEQUINOCYL	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	0.1	ND	SPIROTETRAMAT	0.01	ppm	0.1	ND
ALDICARB	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
AZOXYSTROBIN	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	0.1	ND
BIFENAZATE	0.01	ppm	0.1	ND	THIACLOPRID	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	0.5	ND
BOSCALID	0.01	PPM	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0.1	PPM	5	ND
CARBARYL	0.05	ppm	0.5	ND	TOTAL DIAZINON	0.01	PPM	0.1	ND
CARBOFURAN	0.01	ppm	0.1	ND	TOTAL DIMETHOMORPH	0.02	PPM	0.2	ND
CHLORANTRANILIPROLE	0.1	ppm	1	ND	TOTAL PERMETHRIN	0.01	ppm	0.1	ND
CHLORMEQUAT CHLORIDE	0.1	ppm	1	ND	TOTAL SPINETORAM	0.02	PPM	0.2	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	0.1	ND
CLOFENTEZINE	0.02	ppm	0.2	ND	TRIFLOXYSTROBIN	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	PENTACHLORONITROBENZENE (PCNB)	0.01	PPM	0.15	ND
DAMINOZIDE	0.01	ppm	0.1	ND	PARATHION-METHYL *	0.01	PPM	0.1	ND
DICHLORVOS	0.01	ppm	0.1	ND	CAPTAN *	0.025	PPM	0.7	ND
DIMETHOATE	0.01	ppm	0.1	ND	CHLORDANE *	0.01	PPM	0.1	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	CHLORFENAPYR *	0.01	PPM	0.1	ND
ETOFENPROX	0.01	ppm	0.1	ND	CYFLUTHRIN *	0.01	PPM	0.5	ND
ETOXAZOLE	0.01	ppm	0.1	ND	CYPERMETHRIN *	0.01	PPM	0.5	ND
FENHEXAMID	0.01	ppm	0.1	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	0.1	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	0.1	ND					
FLUDIOXONIL	0.01	ppm	0.1	ND					
HEXYTHIAZOX	0.01	ppm	0.1	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	0.4	ND					
KRESOXIM-METHYL	0.01	ppm	0.1	ND					
MALATHION	0.02	ppm	0.2	ND					
METALAXYL	0.01	ppm	0.1	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	0.1	ND					
NALED	0.025	ppm	0.25	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.1	ND					
PIPERONYL BUTOXIDE	0.3	ppm	3	ND					
PRALLETHRIN	0.01	ppm	0.1	ND					
PROPICONAZOLE	0.01	ppm	0.1	ND					
PROPOXUR	0.01	ppm	0.1	ND					



## Pesticides

**PASSED**

<b>Analyzed by</b> 585 , 1665	<b>Weight</b> 0.8745g	<b>Extraction date</b> 04/02/21 10:04:42	<b>Extracted By</b> 1665 , 1665
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T.40.070			
Analytical Batch - DA024608PES , DA024599VOL			
Instrument Used : DA-LCMS-003 (PES) , DA-GCMS-006			
Running On : 04/02/21 15:11:58 , 04/02/21 15:05:58			
Reviewed On- 04/02/21 10:30:14			
Batch Date : 04/02/21 09:38:57			
<b>Reagent</b> 010421.886 123020.830 031721.808 031721.808 092820.59	<b>Dilution</b> 25	<b>Consums. ID</b> 6524407-03	

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T.40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). \* Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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**Jorge Segredo**  
Lab Director

State License # CMTL-0002  
ISO Accreditation # ISO/IEC  
17025:2017 Accreditation  
PJLA-Testing 97164

  
Signature

04/06/21

Signed On






# Certificate of Analysis

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**Sample Method : SOP.T.20.010**
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	<b>Microbials</b>	<b>PASSED</b>
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Analyte	LOD	Result	Action Level (cfu/g)
ESCHERICHIA_COLI_SHIGELLA_SPP		not present in 1 gram.	
SALMONELLA_SPECIFIC_GENE		not present in 1 gram.	
ASPERGILLUS_FLAVUS		not present in 1 gram.	
ASPERGILLUS_FUMIGATUS		not present in 1 gram.	
ASPERGILLUS_TERREUS		not present in 1 gram.	
ASPERGILLUS_NIGER		not present in 1 gram.	
TOTAL YEAST AND MOLD	10	270 CFU	100000

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**
**Analytical Batch -DA024594MIC , DA024595TYM Batch Date : 04/02/21, 04/02/21**
**Instrument Used : PathogenDx Scanner DA-111,**
**Running On : 04/05/21**

Analyzed by	Weight	Extraction date	Extracted By
1829, 513	NA	NA	NA,

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing. Pour-plating is used for quantitation and confirmation, Total Yeast and Mold has an action limit of 100,000 CFU.

	<b>Mycotoxins</b>	<b>PASSED</b>
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Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
TOTAL OCHRATOXIN A	0.002	PPM	ND	0.02

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA024609MYC | Reviewed On - 04/05/21 15:46:19**
**Instrument Used :**
**Running On : 04/02/21 15:12:11**
**Batch Date : 04/02/21 09:40:42**

Analyzed by	Weight	Extraction date	Extracted By
585	NA	04/02/21 12:04:51	585

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20ug/Kg.

	<b>Heavy Metals</b>	<b>PASSED</b>
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**Dilution**

100

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	0.2
CADMIUM	0.02	PPM	ND	0.2
MERCURY	0.02	PPM	<0.100	0.2
LEAD	0.05	PPM	ND	0.5

Analyzed by	Weight	Extraction date	Extracted By
53	0.252g	04/02/21 10:04:10	1879

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA024596HEA | Reviewed On - 04/05/21 08:15:01**
**Instrument Used : DA-ICPMS-002**
**Running On : 04/02/21 13:43:13**
**Batch Date : 04/02/21 08:54:57**

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.