



# Certificate of Analysis

## COMPLIANCE FOR RETAIL



**Sample:** DA40725006-003  
**Harvest/Lot ID:** FIN-000964  
**Batch#:** 2024.05.29-GKM.R2  
**Cultivation Facility:** Mt. Dora  
**Processing Facility:** Mt. Dora  
**Source Facility:** Mt. Dora  
**Seed to Sale#** 1000 0000 0000 7988  
**Batch Date:** 05/29/24  
**Sample Size Received:** 31.5 gram  
**Total Amount:** 298 units  
**Retail Product Size:** 3.5 gram  
**Retail Serving Size:** 3.5 gram  
**Servings:** 1  
**Ordered:** 07/24/24  
**Sampled:** 07/25/24  
**Completed:** 07/27/24  
**Sampling Method:** SOP.T.20.010.FL

Jul 27, 2024 | Goldflower

1100 NILES ROAD  
MOUNT DORA, FL, 32757, US

*Goldflower*  
CANNABIS

**PASSED**

Pages 1 of 5

### 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

**25.063%**

Total THC/Container : 877.205 mg



Total CBD

**0.052%**

Total CBD/Container : 1.820 mg



Total Cannabinoids

**29.321%**

Total Cannabinoids/Container : 1026.235 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.710	27.769	ND	0.060	0.068	0.063	0.553	ND	ND	ND	0.098
mg/unit	24.85	971.92	ND	2.10	2.38	2.21	19.36	ND	ND	ND	3.43
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:  
3335, 1665, 585, 1440

Weight:  
0.1906g

Extraction date:  
07/25/24 14:21:58

Extracted by:  
1665,3335

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

Analytical Batch : DA075772POT

Instrument Used : DA-LC-002

Analyzed Date : 07/25/24 14:47:49

Reviewed On : 07/27/24 12:37:40

Batch Date : 07/25/24 12:08:01

Dilution : 400

Reagent : 072224.R13; 060723.24; 072224.R16

Consumables : 947.109; 120423CH01; CE0123; 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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**Vivian Celestino**

Lab Director

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

Signature  
07/27/24



4131 SW 47th AVENUE SUITE 1408  
DAVIE, FL, 33314, US  
(954) 368-7664

Kaycha Labs

.....  
Ideal 1/8 Ounce Flower  
Gelato x Kushmints  
Matrix : Flower  
Type: Flower-Cured



# Certificate of Analysis

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Goldflower

1100 NILES ROAD  
MOUNT DORA, FL, 32757, US  
Telephone: (904) 318-3136  
Email: alex.b@goldleaf.com

Sample : DA40725006-003  
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## Terpenes

TESTED

Terpenes	LOD (%)	mg/unit	%	Result (%)	Terpenes	LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	134.12	3.832		VALENCENE	0.007	ND	ND	
BETA-CARYOPHYLLENE	0.007	49.00	1.400		ALPHA-CEDRENE	0.005	ND	ND	
LIMONENE	0.007	24.75	0.707		ALPHA-PHELLANDRENE	0.007	ND	ND	
ALPHA-HUMULENE	0.007	19.81	0.566		ALPHA-TERPINENE	0.007	ND	ND	
LINALOOL	0.007	18.59	0.531		ALPHA-TERPINOLENE	0.007	ND	ND	
FARNESENE	0.007	6.37	0.182		CIS-NEROLIDOL	0.003	ND	ND	
ALPHA-BISABOLOL	0.007	3.36	0.096		GAMMA-TERPINENE	0.007	ND	ND	
BETA-PINENE	0.007	3.33	0.095		TRANS-NEROLIDOL	0.005	ND	ND	
ALPHA-TERPINEOL	0.007	2.49	0.071		Analyzed by:	Weight:	Extraction date:	Extracted by:	
FENCHYL ALCOHOL	0.007	2.24	0.064		4451, 585, 1440	1.1138g	07/25/24 14:00:55	4451	
ALPHA-PINENE	0.007	1.72	0.049		Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL				
BETA-MYRCENE	0.007	1.54	0.044		Analytical Batch : DA073767TER			Reviewed On : 07/26/24 10:02:02	
CARYOPHYLLENE OXIDE	0.007	0.95	0.027		Instrument Used : DA-GCMS-008			Batch Date : 07/25/24 11:39:44	
3-CARENE	0.007	ND	ND		Analyzed Date : 07/25/24 14:01:19				
BORNEOL	0.013	ND	ND		Dilution : 10				
CAMPHENE	0.007	ND	ND		Reagent : 022224.07				
CAMPHOR	0.007	ND	ND		Consumables : 947.109; 230613-634-D; 280670723; CE0123				
CEDROL	0.007	ND	ND		Pipette : DA-065				
EUCALYPTOL	0.007	ND	ND		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.				
FENCHONE	0.007	ND	ND						
GERANIOL	0.007	ND	ND						
GERANYL ACETATE	0.007	ND	ND						
GUAIOL	0.007	ND	ND						
HEXAHYDROTHYMOL	0.007	ND	ND						
ISOBORNEOL	0.007	ND	ND						
ISOPULEGOL	0.007	ND	ND						
NEROL	0.007	ND	ND						
OCIMENE	0.007	ND	ND						
PULEGONE	0.007	ND	ND						
SABINENE	0.007	ND	ND						
SABINENE HYDRATE	0.007	ND	ND						
Total (%)				3.832					

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Lab Director

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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)	0.010	ppm	5	PASS	ND	OXAMYL	0.010	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.010	ppm	0.2	PASS	ND	PACLOBUTRAZOL	0.010	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.010	ppm	0.1	PASS	ND	PHOSMET	0.010	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.010	ppm	0.5	PASS	ND	PIPERONYL BUTOXIDE	0.010	ppm	3	PASS	ND
TOTAL SPINETORAM	0.010	ppm	0.2	PASS	ND	PRALLETHRIN	0.010	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.010	ppm	0.1	PASS	ND	PROPICONAZOLE	0.010	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.010	ppm	0.1	PASS	ND	PROPOXUR	0.010	ppm	0.1	PASS	ND
ACEPHATE	0.010	ppm	0.1	PASS	ND	PYRIDABEN	0.010	ppm	0.2	PASS	ND
ACEQUINOCYL	0.010	ppm	0.1	PASS	ND	SPIROMESIFEN	0.010	ppm	0.1	PASS	ND
ACETAMIPRID	0.010	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.010	ppm	0.1	PASS	ND
ALDICARB	0.010	ppm	0.1	PASS	ND	SPIROXAMINE	0.010	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.010	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.010	ppm	0.1	PASS	ND
BIFENAZATE	0.010	ppm	0.1	PASS	ND	THIACLOPRID	0.010	ppm	0.1	PASS	ND
BIFENTHRIN	0.010	ppm	0.1	PASS	ND	THIAMETHOXAM	0.010	ppm	0.5	PASS	ND
BOSCALID	0.010	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.010	ppm	0.1	PASS	ND
CARBARYL	0.010	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.010	PPM	0.15	PASS	ND
CARBOFURAN	0.010	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.010	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.010	ppm	1	PASS	ND	CAPTAN *	0.070	PPM	0.7	PASS	ND
CHLORMEQUAT CHLORIDE	0.010	ppm	1	PASS	ND	CHLORDANE *	0.010	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.010	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.010	PPM	0.1	PASS	ND
CLOFENTEZINE	0.010	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.050	PPM	0.5	PASS	ND
COUMAPHOS	0.010	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.050	PPM	0.5	PASS	ND
DAMINOZIDE	0.010	ppm	0.1	PASS	ND						
DIAZINON	0.010	ppm	0.1	PASS	ND	Analyzed by: 3379, 585, 1440	Weight: 1.0758g	Extraction date: 07/25/24 15:39:02	Extracted by: 3379		
DICHLORVOS	0.010	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	0.010	ppm	0.1	PASS	ND	Analytical Batch : DA075762PES		Reviewed On : 07/27/24 22:39:10			
ETHOPROPHOS	0.010	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-004 (PES)		Batch Date : 07/25/24 11:12:35			
ETOFENPROX	0.010	ppm	0.1	PASS	ND	Analyzed Date : N/A					
ETOXAZOLE	0.010	ppm	0.1	PASS	ND	Dilution : 250					
FENHEXAMID	0.010	ppm	0.1	PASS	ND	Reagent : 072324.R04; 071824.R06; 071824.R05; 072324.R06; 072224.R19; 071824.R03					
FENOXYCARB	0.010	ppm	0.1	PASS	ND	Consumables : 326250IW					
FENPYROXIMATE	0.010	ppm	0.1	PASS	ND	Pipette : DA-093; DA-094; DA-219					
FIPRONIL	0.010	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	0.010	ppm	0.1	PASS	ND	Analyzed by: 450, 585, 1440	Weight: 1.0758g	Extraction date: 07/25/24 15:39:02	Extracted by: 3379		
FLUDIOXONIL	0.010	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	0.010	ppm	0.1	PASS	ND	Analytical Batch : DA075764VOL		Reviewed On : 07/27/24 22:37:22			
IMAZALIL	0.010	ppm	0.1	PASS	ND	Instrument Used : DA-GCMS-010		Batch Date : 07/25/24 11:16:11			
IMIDACLOPRID	0.010	ppm	0.4	PASS	ND	Analyzed Date : 07/25/24 21:23:10					
KRESOXIM-METHYL	0.010	ppm	0.1	PASS	ND	Dilution : 250					
MALATHION	0.010	ppm	0.2	PASS	ND	Reagent : 071824.R05; 071024.R46; 071024.R47					
METALAXYL	0.010	ppm	0.1	PASS	ND	Consumables : 326250IW; 14725401					
METHIOCARB	0.010	ppm	0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
METHOMYL	0.010	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	0.010	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.010	ppm	0.1	PASS	ND						
NALED	0.010	ppm	0.25	PASS	ND						

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	Microbial	PASSED		Mycotoxins	PASSED
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	
ECOLI SHIGELLA			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	840	PASS	100000
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL	Weight: 0.9798g	Extraction date: 07/25/24 13:27:45	Extracted by: 4531	Reviewed On : 07/26/24 11:48:54	Batch Date : 07/25/24
Analytical Batch : DA075776MIC					
Instrument Used : PathogenDx Scanner DA-111,Applied Biosystems 2720 Thermocycler DA-171,Fisher Scientific Isotemp Heat Block (55°C) 12:12:49 DA-020,Fisher Scientific Isotemp Heat Block (95°C) DA-049,Fisher Scientific Isotemp Heat Block (55°C) DA-021,Fisher Scientific Isotemp Heat Block (55°C) DA-366,Fisher Scientific Isotemp Heat Block (95°C) DA-367					
Analysis Date : 07/25/24 15:17:49					
Dilution : 10					
Reagent : 071824.11; 071924.11; 071924.12; 070324.R36; 030724.30					
Consumables : 7573003032					
Pipette : N/A					
Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL	Weight: 0.9798g	Extraction date: 07/25/24 13:27:45	Extracted by: 4531	Reviewed On : 07/27/24 19:01:36	Batch Date : 07/25/24 12:14:27
Analytical Batch : DA075777TYM					
Instrument Used : Incubator (25°C) DA- 328					
Analysis Date : 07/25/24 15:11:14					
Dilution : 10					
Reagent : 071824.11; 071924.11; 071924.12; 070324.R35; 031824.R20; 061024.R17					
Consumables : N/A					
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.					
	Heavy Metals	PASSED			
Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.080	ppm	ND	PASS	1.1
ARSENIC	0.020	ppm	<0.100	PASS	0.2
CADMIUM	0.020	ppm	ND	PASS	0.2
MERCURY	0.020	ppm	ND	PASS	0.2
LEAD	0.020	ppm	ND	PASS	0.5
Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL	Weight: 0.2462g	Extraction date: 07/25/24 12:36:37	Extracted by: 1022,4056	Reviewed On : 07/26/24 10:01:48	Batch Date : 07/25/24 11:10:02
Analytical Batch : DA075758HEA					
Instrument Used : DA-ICPMS-004					
Analysis Date : 07/25/24 17:20:35					
Dilution : 50					
Reagent : 071924.R14; 072224.R03; 071624.R10; 072224.R01; 072224.R02; 061724.01; 071724.R10					
Consumables : 179436; 120423CH01; 210508058					
Pipette : DA-061; DA-191; 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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Filtration/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	0.100	%	ND	PASS	1	Moisture Content	1.00	%	14.95	PASS	15
Analyzed by: 1879, 585, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A			Analyzed by: 4512, 585, 1440	Weight: 0.506g	Extraction date: 07/25/24 18:24:59	Extracted by: 4512		
Analysis Method : SOP.T.40.090 Analytical Batch : DA075791FIL Instrument Used : Filth/Foreign Material Microscope Analyzed Date : 07/25/24 23:21:22						Analysis Method : SOP.T.40.021 Analytical Batch : DA075750MOI Reviewed On : 07/26/24 08:53:52 Instrument Used : DA-003 Moisture Analyzer,DA-046 Moisture Analyzer,DA-263 Moisture Analyser,DA-264 Moisture Analyser Analyzed Date : 07/26/24 08:20:33					
Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A						Dilution : N/A Reagent : 092520.50; 020124.02 Consumables : N/A Pipette : DA-066					
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	0.010	aw	0.536	PASS	0.65
Analyzed by: 4512, 585, 1440	Weight: 0.857g	Extraction date: 07/25/24 18:49:39	Extracted by: 4512		
Analysis Method : SOP.T.40.019					
Analytical Batch : DA075755WAT			Reviewed On : 07/26/24 09:45:38		
Instrument Used : DA-028 Rotronic Hygropalm			Batch Date : 07/25/24 11:07:11		
Analyzed Date : 07/25/24 19:01:26					
Dilution : N/A					
Reagent : 051624.01					
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.					

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

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