



Certificate of Analysis

Lab State Certification/License: CMTL-00010



T401465

Fluent

Client Lic#: MMTC-2015-0003
5251 E. Diana St Tampa, FL 33610
(352) 318-3183
Zolfo Springs Compliance samples

FLUENT

CANNABIS CARE

Seed to Sale : 3120 3948 7111 9063
Retail Batch#: 2272 6085 7008 7134
Retail Batch Total Wt/Vol: 400g
Retail Batch Total Units 400
Retail Batch Date: 12/01/2023
Cultivation Facility: Zolfo Springs Cultivation
Processing Facility: Zolfo Springs Processing
Cultivar: Origins Cheddar Koi
Sampling SOP 1260

Compliance for Retail: **PASS**

FTH - Origins Cheddar Koi Full Flower 1g Pre-Roll(s)(.035oz) 1 units

Total Sample Received: 26g

Date Sampled: 01/25/2024

Sample ID: T401465-01

Total Units Received: 26

Date Received: 01/25/2024

Matrix: Flower Inhalable

Unit Weight: 1g

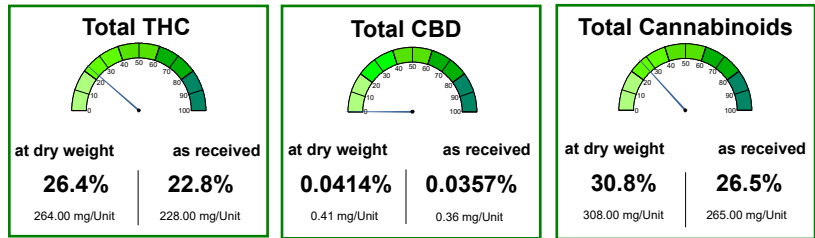
Date Reported: 01/30/2024

Safety Summary

Foreign Materials PASS	Heavy Metals PASS	Homogeneity NOT TESTED	Label Claim NOT TESTED	Microbials PASS	Moisture Content PASS
Mycotoxins PASS	Pesticides PASS	Residual Solvents NOT TESTED	TCL PASS	Terpenes TESTED	Water Activity PASS



Potency Summary



Terpenes Summary

Date Prepared: 01/26/2024 08:20
Date Analyzed: 01/26/2024 18:32
Lab Batch: 2404106

Prep ID: 4599
Analyst ID: 2447

Specimen Wt: 0.51 g
Instrument: GCMS
Prep/Analysis Method: SOP1360

Analyte	Dilution	LOD	Results
E-Caryophyllene	1	0.00572	0.380
Farnesene	1	0.0286	0.310
Linalool	1	0.00572	0.272
D-Limonene	1	0.00572	0.227
alpha-Humulene	1	0.00572	0.130
alpha-Fenchyl alcohol, (+)-	1	0.00572	0.103
alpha-Bisabolol, L	1	0.00572	0.0881
alpha-Terpineol	1	0.00572	0.0859
E-Nerolidol	1	0.00572	0.0728
beta-Pinene	1	0.00572	0.0560
alpha-Pinene	1	0.00572	0.0394
beta-Myrcene	1	0.00572	0.0383
Borneol	1	0.00572	0.0180
Valencene	1	0.00572	0.0171
Caryophyllene Oxide	1	0.00572	0.0157
Total Terpenes			1.874 18.74 mg/Unit

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Cannabinoids (dry weight)

Date Prepared: 01/26/2024 08:18
Date Analyzed: 01/26/2024 12:04
Lab Batch: 2404105

Prep ID: 4599
Analyst ID: 754

Specimen Wt: 0.507 g
Instrument: HPLC VWD
Prep/Analysis Method: SOP 1357

Analyte	Dilution	LOD	Results	Result
Cannabichromene (CBC)	1	0.0114	%	ND
Cannabidiol (CBD)	1	0.0114	%	ND
Cannabidiolic acid (CBDA)	1	0.0114	%	0.0472 0.472
Cannabidivarin (CBDV)	1	0.0114	%	ND
Cannabigerol (CBG)	1	0.0114	%	0.202 2.02
Cannabigerolic acid (CBGA)	1	0.0114	%	0.515 5.15
Cannabinol (CBN)	1	0.0114	%	ND
d8 - Tetrahydrocannabinol (d8-THC)	1	0.0114	%	ND
d9 - Tetrahydrocannabinol (d9-THC)	1	0.0114	%	0.665 6.65
d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0114	%	29.3 293
Tetrahydrocannabivarin (THCV)	1	0.0114	%	ND
Total THC				26.4 264
Total CBD				0.0414 0.414
Total Cannabinoids				30.8 308

Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDA * 0.877 + CBD.

mg/Unit = Unit Weight g * Total THC/CBD mg/g

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Brian C. Spann
Laboratory Director



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Sample ID: T401465-01

Total Units Received: 26

Date Received: 01/25/2024

Matrix: Flower Inhalable

Unit Weight: 1g

Date Reported: 01/30/2024

Pesticides

Pass

Prep Method: SOP 1363	Batch	Instrument	Analized	Analyst	Prepped	Prepped By	Specimen Wt. (g)	Analysis SOP
Pesticide LCQQQ	2404107	LCMSMS	1/26/2024 2:02:25PM	2670	1/26/2024 8:24:00AM	4599	1.02	SOP1350
* Pesticides GCQQQ	2404108	GCMSMS	1/26/2024 4:44:52PM	0754-2670	1/26/2024 8:24:00AM	4599	1.02	SOP1356

Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limit	LOD	Results	Status
Abamectin	1	100	10	ND	Pass	Malathion	1	200	20	ND	Pass
Acephate	1	100	10	ND	Pass	Metaxyl	1	100	10	ND	Pass
Acequinocyl	1	100	10	ND	Pass	Methiocarb	1	100	10	ND	Pass
Acetamiprid	1	100	10	ND	Pass	Methomyl	1	100	10	ND	Pass
Aldicarb	1	100	10	ND	Pass	Mevinphos	1	100	10	ND	Pass
Azoxystrobin	1	100	10	ND	Pass	Myclobutanil	1	100	10	ND	Pass
Bifenazate	1	100	10	ND	Pass	Naled	1	250	25	ND	Pass
Bifenthrin	1	100	10	ND	Pass	Oxamyl	1	500	50	ND	Pass
Boscalid	1	100	10	ND	Pass	Paclobutrazol	1	100	10	ND	Pass
Carbaryl	1	500	50	ND	Pass	Permethrin	1	100	10	ND	Pass
Carbofuran	1	100	10	ND	Pass	Phosmet	1	100	10	ND	Pass
Chlorantraniliprole	1	1000	100	ND	Pass	Piperonyl butoxide	1	3000	300	ND	Pass
Chloromequat Chloride	1	1000	100	ND	Pass	Prallethrin	1	100	10	ND	Pass
Chlorpyrifos	1	100	10	ND	Pass	Propiconazole	1	100	10	ND	Pass
Clofentezine	1	200	20	ND	Pass	Propoxur	1	100	10	ND	Pass
Coumaphos	1	100	10	ND	Pass	Pyrethrins	1	500	50	ND	Pass
Cyfluthrin	1	500	50	ND	Pass	Pyridaben	1	200	20	ND	Pass
Cypermethrin	1	500	50	ND	Pass	Spinetoram, total	1	200	20	ND	Pass
Daminozide	1	100	10	ND	Pass	Spinosad, total	1	100	10	ND	Pass
Diazinon	1	100	10	ND	Pass	Spiromesifen	1	100	10	ND	Pass
Dichlorvos	1	100	10	ND	Pass	Spirotetramat	1	100	10	ND	Pass
Dimethoate	1	100	10	ND	Pass	Spiroxamine	1	100	10	ND	Pass
Dimethomorph	1	200	20	ND	Pass	Tebuconazole	1	100	10	ND	Pass
Ethoprophos	1	100	10	ND	Pass	Thiacloprid	1	100	10	ND	Pass
Etofenprox	1	100	10	ND	Pass	Thiamethoxam	1	500	50	ND	Pass
Etoxazole	1	100	10	ND	Pass	Trifloxystrobin	1	100	10	ND	Pass
Fenhexamid	1	100	10	ND	Pass	Captan*	1	700	70	ND	Pass
Fenoxycarb	1	100	10	ND	Pass	Chlordane*	1	100	10	ND	Pass
Fenpyroximate	1	100	10	ND	Pass	Chlorfenapyr*	1	100	10	ND	Pass
Fipronil	1	100	10	ND	Pass	Methyl parathion*	1	100	10	ND	Pass
Flonicamid	1	100	10	ND	Pass	Pentachloronitrobenzene*	1	150	15	ND	Pass
Fludioxonil	1	100	10	ND	Pass						
Hexythiazox	1	100	10	ND	Pass						
Imazalil	1	100	10	ND	Pass						
Imidacloprid	1	400	40	ND	Pass						
Kresoxim-methyl	1	100	10	ND	Pass						

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* - GCMSMS Pesticides

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Total Units Received: 26

Date Received: 01/25/2024

Matrix: Flower Inhalable

Unit Weight: 1g

Date Reported: 01/30/2024

Mycotoxins

Pass

Date Prepared: 01/26/2024 08:24 Prepped By: 4599 Specimen Wt: 1.02 g
Date Analyzed: 01/26/2024 14:02 Analyzed By: 2670 Instrument: LCMSMS
Lab Batch: 2404107 Prep Method: SOP 1363 Analysis Method: SOP 1350

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Aflatoxin B1	1	20.0	2	ND	Pass
Aflatoxin B2	1	20.0	2	ND	Pass
Aflatoxin G1	1	20.0	2	ND	Pass
Aflatoxin G2	1	20.0	2	ND	Pass
Ochratoxin A	1	20.0	2	ND	Pass

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Microbials

Pass

Date Prepared: 01/25/2024 15:00 Prep ID: 1093 Specimen Wt: 1.00 g
Date Analyzed: 01/26/2024 15:47 Analyst ID: 1093 Instrument: qPCR
Lab Batch: 2404080 Analysis Method: SOP1353/1364 /1352

Analyte	Action Limit	LOD	Results	Status
	cfu/g	cfu/g	cfu/g	
Aspergillus Flavus	1	1	Absent in 1 gram	Pass
Aspergillus Fumigatus	1	1	Absent in 1 gram	Pass
Aspergillus Niger	1	1	Absent in 1 gram	Pass
Aspergillus Terreus	1	1	Absent in 1 gram	Pass
Salmonella	1	1	Absent in 1 gram	Pass
Shiga Toxin producing E. Coli	1	1	Absent in 1 gram	Pass
Total Yeast and Mold*	100000	10000	<LOD	Pass

LOD = Limit of Detection; ND = Not Detected; <LOD=below LOD
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* Analyzed by Plating

Foreign Materials

Pass

Date Prepared: 01/25/2024 15:05 Prep ID: 1150 Instrument: Visual Inspection
Date Analyzed: 01/25/2024 15:48 Analyst ID: 3780
Lab Batch: 2404079 Analysis Method: SOP1359

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1.00	ND	Pass

ND = Not Detected.
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Total Contaminant Load

	Action Limit	ppb	Results	Status
Total Contaminant Load	5,000.00		ND	Pass

Heavy Metals & Pesticides

Heavy Metals

Pass

Date Prepared: 01/26/2024 15:00 Prepped By: 6814 Specimen Wt: 0.53 g
Date Analyzed: 01/26/2024 16:07 Analyzed By: 1094 Instrument: ICPMS
Lab Batch: 2404102 Prep Method: SOP 1362 Analysis Method: SOP1358

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Arsenic	1	200	20	ND	Pass
Cadmium	1	200	20	ND	Pass
Lead	1	500	50	ND	Pass
Mercury	1	200	20	ND	Pass

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Water Activity

Pass

Date Prepared: 01/25/2024 15:46 Prep ID: 1150 Specimen Wt: 0.50 g
Date Analyzed: 01/25/2024 15:46 Analyst ID: 3780 Instrument: Water Activity Meter
Lab Batch: 2404079 Analysis Method: SOP1355

Analyte	Action Limit	Result	Status
	aW	aW	
Water Activity	0.65	0.48	Pass

ND = Not Detected.
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Moisture Content

Pass

Date Prepared: 01/26/2024 19:55 Prep ID: 6555 Specimen Wt: 0.83 g
Date Analyzed: 01/26/2024 19:55 Analyst ID: 6555 Instrument: Moisture Oven
Lab Batch: 2404109 Analysis Method: SOP 1355

Analyte	Action Limit	Result	Status
	%	%	
Percent Moisture	15.0	13.8	Pass

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Unit Weight: 1g

Date Reported: 01/30/2024

Terpenes Summary

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Date Analyzed: 01/26/2024 18:32
Lab Batch: 2404106

Prep ID: 4599
Analyzed ID: 2447

Specimen Wt: 0.51 g
Instrument: GCMS
Prep/Analysis Method: SOP1360

Analyte	Dilution	LOD	Results
		%	%
E-Caryophyllene	1	0.00572	0.380
Farnesene	1	0.0286	0.310
Linalool	1	0.00572	0.272
D-Limonene	1	0.00572	0.227
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alpha-Fenchyl alcohol, (+)-	1	0.00572	0.103
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beta-Myrcene	1	0.00572	0.0383
Borneol	1	0.00572	0.0180
Valencene	1	0.00572	0.0171
Caryophyllene Oxide	1	0.00572	0.0157
Geranyl Acetate	1	0.00572	0.0108
Camphene	1	0.00572	0.0104
3-Carene (+)-	1	0.00572	ND
alpha-Cedrene	1	0.00572	ND
alpha-Phellandrene	1	0.00572	ND
alpha-Terpinene	1	0.00572	ND
beta-Ocimene	1	0.00572	ND
Camphor	1	0.00572	ND
Cedrol	1	0.00572	ND
Eucalyptol	1	0.00572	ND
Fenchone	1	0.00572	ND
gamma-Terpinene	1	0.00572	ND
Geraniol	1	0.00572	ND
Guaiol	1	0.00572	ND
Isoborneol	1	0.00572	ND
Isopulegol	1	0.00572	ND
Menthol	1	0.00572	ND
Nerol	1	0.00572	ND
p-Cymene	1	0.00572	ND
Pulegone	1	0.00572	ND
Sabinene	1	0.00572	ND
Sabinene hydrate	1	0.00572	ND
Terpinolene	1	0.00572	ND
Z-Nerolidol	1	0.00572	ND
Total Terpenes			1.874 18.74 mg/Unit

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Analyte	Dilution	LOD	Results	Result
		%	%	mg/g
Cannabichromene (CBC)	1	0.0114	ND	ND
Cannabidiol (CBD)	1	0.0114	ND	ND
Cannabidiolic acid (CBDA)	1	0.0114	0.0407	0.407
Cannabidivarin (CBDV)	1	0.0114	ND	ND
Cannabigerol (CBG)	1	0.0114	0.174	1.74
Cannabigerolic acid (CBGA)	1	0.0114	0.444	4.44
Cannabinol (CBN)	1	0.0114	ND	ND
d8 - Tetrahydrocannabinoid (d8-THC)	1	0.0114	ND	ND
d9 - Tetrahydrocannabinoid (d9-THC)	1	0.0114	0.573	5.73
d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0114	25.3	253
Tetrahydrocannabivarin (THCV)	1	0.0114	ND	ND
Total THC			22.8	228
Total CBD			0.0357	0.357
Total Cannabinoids			26.5	265

Total THC= THCa * 0.877 + d9-THC. Total CBD= CBDa * 0.877 + CBD.

mg/Unit = Unit Weight g * Total THC/CBD mg/g

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