



L016

Sample ID: 2403CRG0543.1618
Strain: Cann Grapefruit Rosemary
Matrix: Ingestible
Type: Beverage
Sample Size: 4 units; Batch:

Produced: 03/05/2024
Collected:
Received: 03/11/2024
Completed: 03/15/2024
Batch#: L016

Distributor
SOCALI Manufacturing Inc
Lic. #
44 Court St #1217-1034
Brooklyn, NY 11201

Producer
Four Daughters Vineyard & Winery, LLC
78757 State Hwy 16 Spring Valley, MN
55975 (507) 346-7300
Info@fourdaughtersvineyard.com MN
HDP



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	03/13/2024	Complete
Residual Solvents	03/13/2024	Pass
Microbials	03/13/2024	Pass
Mycotoxins	03/15/2024	Pass
Pesticides	03/15/2024	Pass
Heavy Metals	03/12/2024	Pass
Foreign Matter	03/11/2024	Pass

Cannabinoids

Complete

1.028 mg/serving 2.056 mg/container Total THC	2.054 mg/serving 4.107 mg/container Total CBD	3.081 mg/serving 6.163 mg/container Total Cannabinoids	3.081 mg/serving 6.163 mg/container Total Unconverted Cannabinoids
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Analyte	LOD	LOQ	Results	Results	Results	Results	Results	Results
	mg/g	mg/g	%	mg/g	mg/mL	mg/unit	mg/serving	mg/container
THCa	0.0003	0.0004	ND	ND	ND	ND	ND	ND
Δ9-THC	0.0003	0.0004	0.001	0.009	0.009	1.028	1.028	2.056
Δ8-THC	0.0003	0.0004	ND	ND	ND	ND	ND	ND
THCV	0.0004	0.0004	ND	ND	ND	ND	ND	ND
CBDa	0.0004	0.0004	ND	ND	ND	ND	ND	ND
CBD	0.0002	0.0004	0.002	0.017	0.017	2.054	2.054	4.107
CBDV	0.0004	0.0004	ND	ND	ND	ND	ND	ND
CBN	0.0001	0.0004	ND	ND	ND	ND	ND	ND
CBGa	0.0004	0.0004	ND	ND	ND	ND	ND	ND
CBG	0.0003	0.0004	ND	ND	ND	ND	ND	ND
CBC	0.0004	0.0004	ND	ND	ND	ND	ND	ND
Total			0.003			3.081	3.081	6.163

Notes: 1 Unit = Beverage, 120.3486g. 1 mL = 1.0156g. 1 unit(s) per serving. 2 serving(s) per container.
Method: HPLC SOP-420

Total THC means the sum of THC, delta 8 THC, and THCA. Total THC is calculated using the following equation: Total THC (mg/g) = [(delta 8-THCA concentration (mg/g) + delta 9-THCA concentration (mg/g)) x 0.877] + [delta 8-THC concentration (mg/g) + delta 9-THC concentration (mg/g)]

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Measurement uncertainty is not taken into account when statements of conformity (Pass/fail) are made in this report. The decision rule, i.e. All statements of conformity, in this report are made according to the action limits set by CA-DCC (Pass-results within limits/specifications, Fail-results exceed limits/specifications) and can be found within California Code of Regulations Title 4 Division 19. Department of Cannabis Control

NT Not Tested Moisture Content	NT Not Tested Water Activity	Pass Foreign Matter
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ISO/IEC 17025:2017 ACCREDITED CRT# 6099/01

Ronald Montez
Ronald Montez
Lab Director
03/15/2024

Seth Dixon
Seth Dixon, PhD
Chief Chemist
03/15/2024

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coa.support@confidentlims.com
(866) 506-5866
www.confidentlims.com



Samples obtained per method: SOP 439 Sampling, Methods: Foreign Matter Analysis Microscopy SOP-421; Moisture Content MOC63u SOP-422; Water Activity Rotronics Water Activity Probe SOP-428. This product has been tested by California Ag Labs using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, pursuant to 4 CCR section 15726 (e)(13). Values reported relate only to the product tested. California Ag Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of California Ag Labs.



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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.004	0.031	0.300	ND	Pass	Fludioxonil	0.004	0.031	30.000	ND	Pass
Acephate	0.008	0.031	5.000	ND	Pass	Hexythiazox	0.003	0.031	2.000	ND	Pass
Acequinocyl	0.007	0.031	4.000	ND	Pass	Imazalil	0.010	0.031	0.010	ND	Pass
Acetamiprid	0.004	0.031	5.000	ND	Pass	Imidacloprid	0.005	0.031	3.000	ND	Pass
Aldicarb	0.010	0.031	0.010	ND	Pass	Kresoxim Methyl	0.007	0.031	1.000	ND	Pass
Azoxystrobin	0.006	0.031	40.000	ND	Pass	Malathion	0.009	0.031	5.000	ND	Pass
Bifenazate	0.005	0.031	5.000	ND	Pass	Metalaxyl	0.004	0.031	15.000	ND	Pass
Bifenthrin	0.007	0.031	0.500	ND	Pass	Methiocarb	0.010	0.031	0.010	ND	Pass
Boscalid	0.006	0.031	10.000	ND	Pass	Methomyl	0.006	0.031	0.100	ND	Pass
Captan	0.051	0.062	5.000	ND	Pass	Mevinphos	0.015	0.031	0.015	ND	Pass
Carbaryl	0.003	0.031	0.500	ND	Pass	Myclobutanil	0.007	0.031	9.000	ND	Pass
Carbofuran	0.010	0.031	0.010	ND	Pass	Naled	0.004	0.031	0.500	ND	Pass
Chlorantraniliprole	0.006	0.031	40.000	ND	Pass	Oxamyl	0.004	0.031	0.200	ND	Pass
Chlordane	0.030	0.062	0.030	ND	Pass	Paclobutrazol	0.010	0.031	0.010	ND	Pass
Chlorfenapyr	0.030	0.062	0.030	ND	Pass	Parathion Methyl	0.030	0.062	0.030	ND	Pass
Chlorpyrifos	0.010	0.031	0.010	ND	Pass	Pentachloronitrobenzene	0.024	0.062	0.200	ND	Pass
Clofentazine	0.013	0.031	0.500	ND	Pass	Permethrin	0.012	0.031	20.000	ND	Pass
Coumaphos	0.010	0.031	0.010	ND	Pass	Phosmet	0.005	0.031	0.200	ND	Pass
Cyfluthrin	0.039	0.062	1.000	ND	Pass	Piperonyl Butoxide	0.005	0.031	8.000	ND	Pass
Cypermethrin	0.036	0.062	1.000	ND	Pass	Prallethrin	0.008	0.031	0.400	ND	Pass
Daminozide	0.030	0.062	0.030	ND	Pass	Propiconazole	0.006	0.031	20.000	ND	Pass
Diazinon	0.004	0.031	0.200	ND	Pass	Propoxur	0.010	0.031	0.010	ND	Pass
Dichlorvos	0.010	0.031	0.010	ND	Pass	Pyrethrins	0.006	0.031	1.000	ND	Pass
Dimethoate	0.010	0.031	0.010	ND	Pass	Pyridaben	0.004	0.031	3.000	ND	Pass
Dimethomorph	0.012	0.031	20.000	ND	Pass	Spinetoram	0.017	0.031	3.000	ND	Pass
Ethoprophos	0.010	0.031	0.010	ND	Pass	Spinosad	0.017	0.031	3.000	ND	Pass
Etofenprox	0.010	0.031	0.010	ND	Pass	Spiromesifen	0.007	0.031	12.000	ND	Pass
Etoxazole	0.003	0.031	1.500	ND	Pass	Spirotetramat	0.005	0.031	13.000	ND	Pass
Fenhexamid	0.011	0.031	10.000	ND	Pass	Spiroxamine	0.010	0.031	0.010	ND	Pass
Fenoxycarb	0.010	0.031	0.010	ND	Pass	Tebuconazole	0.006	0.031	2.000	ND	Pass
Fenpyroximate	0.003	0.031	2.000	ND	Pass	Thiacloprid	0.010	0.031	0.010	ND	Pass
Fipronil	0.010	0.031	0.010	ND	Pass	Thiamethoxam	0.006	0.031	4.500	ND	Pass
Fonicamid	0.008	0.031	2.000	ND	Pass	Trifloxystrobin	0.002	0.031	30.000	ND	Pass

Date Tested: 03/15/2024

Method: LC-MS/MS& GC-MS/MS SOP-426. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Measurement uncertainty is not taken into account when statements of conformity (Pass/fail) are made in this report. The decision rule, i.e. All statements of conformity, in this report are made according to the action limits set by CA-DCC (Pass-results within limits/specifications, Fail-results exceed limits/specifications) and can be found within California Code of Regulations Title 4 Division 19. Department of Cannabis Control



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Microbials

Pass

Analyte	Results	Status	Analyte	Results	Status
E. Coli	Not Detected in 1g	Pass	Lactic Acid Bacteria (homofermentative)	ND	Not Detected
Salmonella SPP	Not Detected in 1g	Pass	Rapid Yeast & Mold (Yeast)	ND	Not Detected
Aerobic Bacteria	ND	Not Detected	Rapid Yeast & Mold (Mold)	ND	Not Detected
Lactic Acid Bacteria (heterofermentative)	ND	Not Detected			

Date Tested: 03/13/2024

Microbial Analytes reported as Detected / Not Detected are not considered in the Pass / Fail determination for Microbial Testing

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	4.96	5		ND	Tested
B2	3.56	5		ND	Tested
G1	4.92	5		ND	Tested
G2	4.02	5		ND	Tested
Total Aflatoxins	4.96	5	20	ND	Pass
Ochratoxin A	4.95	5	20	ND	Pass

Date Tested: 03/15/2024

Method: LC-MS/MS SOP-425. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Measurement uncertainty is not taken into account when statements of conformity (Pass/fail) are made in this report. The decision rule, i.e. All statements of conformity, in this report are made according to the action limits set by CA-DCC (Pass-results within limits/specifications, Fail-results exceed limits/specifications) and can be found within California Code of Regulations Title 4 Division 19. Department of Cannabis Control

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.0637	0.0976565	1.5	ND	Pass
Cadmium	0.06455	0.0976565	0.5	ND	Pass
Lead	0.07025	0.0976565	0.5	ND	Pass
Mercury	0.0756	0.0976565	3	ND	Pass

Date Tested: 03/12/2024

Method: ICP-MS SOP-423. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Measurement uncertainty is not taken into account when statements of conformity (Pass/fail) are made in this report. The decision rule, i.e. All statements of conformity, in this report are made according to the action limits set by CA-DCC (Pass-results within limits/specifications, Fail-results exceed limits/specifications) and can be found within California Code of Regulations Title 4 Division 19. Department of Cannabis Control



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California Ag Labs
430 C St
Marysville, CA 95901

(530) 599-9001
/www.calaglabs.com
Lic# C8-0000001-LIC

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Matrix: Ingestible
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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.225	0.469	1	ND	Pass
Acetone	12.462	46.873	5000	ND	Pass
Acetonitrile	16.464	46.873	410	ND	Pass
Benzene	0.239	0.469	1	ND	Pass
Butane	16.937	46.873	5000	ND	Pass
Chloroform	0.247	0.469	1	ND	Pass
Ethanol	13.762	46.873	5000	557.574	Pass
Ethyl-Acetate	12.547	46.873	5000	ND	Pass
Ethyl-Ether	28.899	46.873	5000	ND	Pass
Ethylene Oxide	0.225	0.469	1	ND	Pass
Heptane	11.723	46.873	5000	ND	Pass
Isopropanol	12.209	46.873	5000	ND	Pass
Methanol	22.99	46.873	3000	<LOQ	Pass
Methylene-Chloride	0.258	0.469	1	ND	Pass
n-Hexane	29.171	46.873	290	ND	Pass
Pentane	15.568	46.873	5000	ND	Pass
Propane	17.861	46.873	5000	ND	Pass
Toluene	29.384	46.873	890	ND	Pass
Trichloroethene	0.274	0.469	1	ND	Pass
Xylenes	27.174	46.873	2170	ND	Pass

Date Tested: 03/13/2024

Method: HS-GCMS SOP-429. LOQ = Limit of Quantitation; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Measurement uncertainty is not taken into account when statements of conformity (Pass/fail) are made in this report. The decision rule, i.e. All statements of conformity, in this report are made according to the action limits set by CA-DCC (Pass-results within limits/specifications, Fail-results exceed limits/specifications) and can be found within California Code of Regulations Title 4 Division 19. Department of Cannabis Control



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