

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: Sour Tangie (SFF)  
 Sample Type: Flower  
 Lab Sample ID: C1710095-03A  
 Date Received: 10/13/2017 Date Tested 10/16/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.035	%
Cannabidiolic Acid (CBDA)	0.0682	0.035	%
Cannabigerol (CBG)	0.0876	0.035	%
Cannabigerolic Acid (CBGA)	0.335	0.035	%
Cannabinol (CBN)	ND	0.035	%
Tetrahydrocannabinol ( $\Delta$ 9THC)	0.945	0.035	%
Tetrahydrocannabinolic Acid (THCA)	20.8	0.035	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	22.2	NA	%
Total CBD equivalents	0.0605	NA	%
Total THC equivalents	19.2	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.10	mg/g
Camphene	ND	0.10	mg/g
Caryophyllene oxide	0.309	0.10	mg/g
cis-Nerolidol	ND	0.10	mg/g
Eucalyptol	ND	0.10	mg/g
Geraniol	ND	0.10	mg/g
Guaiol	1.06	0.10	mg/g
Isopulegol	ND	0.10	mg/g
Limonene	2.21	0.10	mg/g
Linalool	1.18	0.10	mg/g
Myrcene	13.6	0.50	mg/g
Ocimene	ND	0.10	mg/g
Terpinolene	ND	0.10	mg/g
trans-Nerolidol	0.437	0.10	mg/g
$\alpha$ -Bisabolol	0.880	0.10	mg/g
$\alpha$ -Humulene	0.997	0.10	mg/g
$\alpha$ -Pinene	3.99	0.10	mg/g
$\alpha$ -Terpinene	ND	0.10	mg/g
$\beta$ -Caryophyllene	3.03	0.10	mg/g
$\beta$ -Pinene	2.01	0.10	mg/g
$\gamma$ -Terpinene	ND	0.10	mg/g
Total Terpenes	29.7		mg/g

## Microbiological Analysis

3M Petrifilm/Plate Count	Result	MRL*	Units
E. coli	ND	10	cfu/g
Pseudomonas aeruginosa	ND	1,000	cfu/g
Total aerobic plate count	ND	1,000	cfu/g
Total coliforms	ND	10	cfu/g
Total yeast and mold	12,000	1,000	cfu/g

## Pesticides

LC-MS/MS	Result	MRL*	Units
Acequinocyl	ND	2.0	$\mu$ g/g
Avermectin B1a	ND	0.50	$\mu$ g/g
Bifenazate	ND	0.20	$\mu$ g/g
Bifenthrin	ND	0.20	$\mu$ g/g
Carbaryl	ND	0.20	$\mu$ g/g
Daminozide	ND	1.0	$\mu$ g/g
Diazinon	ND	0.20	$\mu$ g/g
Etoxazole	ND	0.20	$\mu$ g/g
Fenoxycarb	ND	0.20	$\mu$ g/g
Imidacloprid	ND	0.40	$\mu$ g/g
Kresoxim-Methyl	ND	0.40	$\mu$ g/g
Myclobutanil	ND	0.20	$\mu$ g/g
Paclobutrazol	ND	0.40	$\mu$ g/g
Piperonyl butoxide	ND	0.20	$\mu$ g/g
Pyrethrin I	ND	0.60	$\mu$ g/g
Pyrethrin II	ND	0.40	$\mu$ g/g
Spinosyn A	ND	0.11	$\mu$ g/g
Spinosyn D	ND	0.085	$\mu$ g/g
Spiromesifen	ND	0.20	$\mu$ g/g
Spirotetramat	ND	0.20	$\mu$ g/g
Tebuconazole	ND	0.40	$\mu$ g/g
Thiamethoxam	ND	0.20	$\mu$ g/g
Trifloxystrobin	ND	0.20	$\mu$ g/g

ND = Not Detected at the Reporting Limit

\*This is the minimum concentration of analyte reported. There are no safety limits imposed by California at this time.

Approved for release by: