

# Analytical Report

Tested for: Emerald Family Farms  
Sample ID: Sour Diesel (EQF)  
Sample Type: Flower  
Lab Sample ID: C1708135-14A  
Date Received: 8/24/2017 Date Tested 8/25/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.036	%
Cannabidiolic Acid (CBDA)	0.0932	0.036	%
Cannabigerol (CBG)	0.0769	0.036	%
Cannabigerolic Acid (CBGA)	0.321	0.036	%
Cannabinol (CBN)	ND	0.036	%
Tetrahydrocannabinol ( $\Delta$ 9THC)	0.944	0.036	%
Tetrahydrocannabinolic Acid (THCa)	15.8	0.036	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	17.3	NA	%
Total CBD equivalents	0.0826	NA	%
Total THC equivalents	14.8	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.10	mg/g
Camphene	ND	0.10	mg/g
Caryophyllene oxide	0.166	0.10	mg/g
cis-Nerolidol	ND	0.10	mg/g
Eucalyptol	ND	0.10	mg/g
Geraniol	ND	0.10	mg/g
Guaiol	ND	0.10	mg/g
Isopulegol	ND	0.10	mg/g
Limonene	2.73	0.10	mg/g
Linalool	0.348	0.10	mg/g
Myrcene	4.18	0.10	mg/g
Ocimene	ND	0.10	mg/g
Terpinolene	ND	0.10	mg/g
trans-Nerolidol	0.159	0.10	mg/g
$\alpha$ -Bisabolol	0.838	0.10	mg/g
$\alpha$ -Humulene	1.37	0.10	mg/g
$\alpha$ -Pinene	0.218	0.10	mg/g
$\alpha$ -Terpinene	ND	0.10	mg/g
$\beta$ -Caryophyllene	3.18	0.10	mg/g
$\beta$ -Pinene	0.538	0.10	mg/g
$\gamma$ -Terpinene	ND	0.10	mg/g
Total Terpenes	13.7		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	3,000	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: