

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: Sapphire OG (NM)  
 Sample Type: Flower  
 Lab Sample ID: C1708102-07A  
 Date Received: 8/18/2017 Date Tested 8/21/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.034	%
Cannabidiolic Acid (CBDa)	0.0974	0.034	%
Cannabigerol (CBG)	0.0756	0.034	%
Cannabigerolic Acid (CBGA)	0.796	0.034	%
Cannabinol (CBN)	ND	0.034	%
Tetrahydrocannabinol ( $\Delta$ 9THC)	0.815	0.034	%
Tetrahydrocannabinolic Acid (THCa)	18.6	0.034	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	20.3	NA	%
Total CBD equivalents	0.0864	NA	%
Total THC equivalents	17.1	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.098	mg/g
Camphene	ND	0.098	mg/g
Caryophyllene oxide	0.117	0.098	mg/g
cis-Nerolidol	ND	0.098	mg/g
Eucalyptol	ND	0.098	mg/g
Geraniol	ND	0.098	mg/g
Guaiol	0.184	0.098	mg/g
Isopulegol	ND	0.098	mg/g
Limonene	2.64	0.098	mg/g
Linalool	1.02	0.098	mg/g
Myrcene	3.69	0.098	mg/g
Ocimene	ND	0.098	mg/g
Terpinolene	ND	0.098	mg/g
trans-Nerolidol	0.202	0.098	mg/g
$\alpha$ -Bisabolol	0.786	0.098	mg/g
$\alpha$ -Humulene	0.592	0.098	mg/g
$\alpha$ -Pinene	0.320	0.098	mg/g
$\alpha$ -Terpinene	ND	0.098	mg/g
$\beta$ -Caryophyllene	1.86	0.098	mg/g
$\beta$ -Pinene	0.582	0.098	mg/g
$\gamma$ -Terpinene	ND	0.098	mg/g
Total Terpenes	12.0		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	4,000	1,000	cfu/g
Total coliforms	ND	10	cfu/g
Total yeast and mold	7,000	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: