

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: AK-47 (SC)  
 Sample Type: Flower  
 Lab Sample ID: C1708135-09A  
 Date Received: 8/24/2017 Date Tested 8/28/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.036	%
Cannabidiolic Acid (CBDA)	0.124	0.036	%
Cannabigerol (CBG)	0.177	0.036	%
Cannabigerolic Acid (CBGA)	0.325	0.036	%
Cannabinol (CBN)	ND	0.036	%
Tetrahydrocannabinol ( $\Delta$ 9THC)	0.680	0.036	%
Tetrahydrocannabinolic Acid (THCA)	18.8	0.036	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	20.1	NA	%
Total CBD equivalents	0.110	NA	%
Total THC equivalents	17.2	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.10	mg/g
Camphene	ND	0.10	mg/g
Caryophyllene oxide	0.250	0.10	mg/g
cis-Nerolidol	0.250	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	1.01	0.10	mg/g
Linalool	ND	0.10	mg/g
Myrcene	13.7	0.51	mg/g
Ocimene	1.42	0.10	mg/g
Terpinolene	ND	0.10	mg/g
trans-Nerolidol	0.236	0.10	mg/g
$\alpha$ -Bisabolol	1.95	0.10	mg/g
$\alpha$ -Humulene	1.20	0.10	mg/g
$\alpha$ -Pinene	2.88	0.10	mg/g
$\alpha$ -Terpinene	ND	0.10	mg/g
$\beta$ -Caryophyllene	3.62	0.10	mg/g
$\beta$ -Pinene	1.03	0.10	mg/g
$\gamma$ -Terpinene	ND	0.10	mg/g
Total Terpenes	27.5		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	2,000	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: