

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: Blood Orange Kush Crumble  
 Sample Type: Concentrate  
 Lab Sample ID: C1710060-02A  
 Date Received: 10/10/2017      Date Tested 10/16/2017



## Cannabinoid Potency

LC-DAD	Result	MRL*	Units
Cannabidiol (CBD)	ND	0.14	%
Cannabidiolic Acid (CBDA)	0.290	0.14	%
Cannabigerol (CBG)	0.516	0.14	%
Cannabigerolic Acid (CBGA)	2.12	0.14	%
Cannabinol (CBN)	ND	0.14	%
Tetrahydrocannabinol ( $\Delta$ 9THC)	4.42	0.14	%
Tetrahydrocannabinolic Acid (THCA)	76.1	0.14	%

## Cannabinoid Summary

LC-DAD	Result	MRL*	Units
Total cannabinoids	83.4	NA	%
Total CBD equivalents	0.257	NA	%
Total THC equivalents	71.1	NA	%

## Terpenes

GC-MS	Result	MRL*	Units
3-Carene	ND	0.41	mg/g
Camphene	ND	0.41	mg/g
Caryophyllene oxide	0.660	0.41	mg/g
cis-Nerolidol	ND	0.41	mg/g
Eucalyptol	ND	0.41	mg/g
Geraniol	ND	0.41	mg/g
Guaiol	0.656	0.41	mg/g
Isopulegol	ND	0.41	mg/g
Limonene	6.27	0.41	mg/g
Linalool	3.89	0.41	mg/g
Myrcene	4.79	0.41	mg/g
Ocimene	ND	0.41	mg/g
Terpinolene	ND	0.41	mg/g
trans-Nerolidol	ND	0.41	mg/g
$\alpha$ -Bisabolol	2.61	0.41	mg/g
$\alpha$ -Humulene	3.30	0.41	mg/g
$\alpha$ -Pinene	0.567	0.41	mg/g
$\alpha$ -Terpinene	ND	0.41	mg/g
$\beta$ -Caryophyllene	8.51	0.41	mg/g
$\beta$ -Pinene	0.991	0.41	mg/g
$\gamma$ -Terpinene	ND	0.41	mg/g
Total Terpenes	32.3		mg/g

## Residual Solvents

GC-FID	Result	MRL*	Units
2-Methylbutane	ND	10	mg/kg
Acetone	126	10	mg/kg
Benzene	ND	2.0	mg/kg
Butane	ND	10	mg/kg
Chloroform	ND	10	mg/kg
Ethanol	ND	10	mg/kg
Isobutane	ND	10	mg/kg
Isopropanol	62.7	10	mg/kg
Methanol	16.9	10	mg/kg
n-Heptane	ND	10	mg/kg
n-Hexane	ND	10	mg/kg
n-Pentane	ND	10	mg/kg
Propane	ND	10	mg/kg
Toluene	ND	10	mg/kg
Total Residual Solvents	<400	400	mg/kg

## 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: