

Sample Name: Butter OG  
 Tested for: Dog Patch Cultivators  
 Sample ID: 170321U018  
 Date Submitted: 03/22/2017  
 Sample Type: Flower

**Total Sample Weight:** 1 Gram

## Cannabinoid Test Results

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC)

### Cannabinoid Summary

<b>Total THC</b>	$\Delta 9\text{THC} + \text{THCa}$	21.25 %
Total Potential $\Delta 9\text{THC}$	187.2 mg/g	18.72 %
<b>Total CBD</b>	$\text{CBD} + \text{CBDa}$	0.07 %
Total Potential CBD	0.6 mg/g	0.06 %

### Full Cannabinoid Profile

THC	0.72 %
THCa	20.52 %
CBD	0.0 %
CBDa	0.07 %
CBN	0.0 %
CBDV	0.0 %
CBDVa	0.0 %
CBG	0.11 %
CBGa	0.57 %
THCV	0.0 %
$\Delta 8$ - THC	0.0 %
CBC	0.0 %

**Total Active Cannabinoids:** 21.99 %

## Pesticide Test Results

Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry.

	Reporting Limit
Acequinocyl	ND
Abamectin	ND
Bifenazate	0.25
Daminozide	ND
Fenoxycarb	0.1
Imidacloprid	0.5
Myclobutanil	ND
Pacllobutrazol	0.2
Pyrethrins	0.1
Spinosad	0.5
Spiromesifen	ND
Spirotetramat	0.1

## Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	N/A	E.coli	N/A
Pseudomonas	N/A	Coliforms	N/A
Total Aerobic Plate Count	N/A	Salmonella	N/A

## Terpene Test Results

Terpene Analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g / %		mg/g / %
$\alpha$ Bisabolol	0.40 / 0.040	$\alpha$ Terpinene	0.00 / 0.000
$\alpha$ Pinene	0.57 / 0.057	Linalool	1.39 / 0.139
3 Carene	0.00 / 0.000	Limonene	6.80 / 0.680
Borneol	0.17 / 0.017	Myrcene	15.50 / 1.550
$\beta$ Caryophyllene	4.29 / 0.429	Fenchol	0.50 / 0.050
Geraniol	0.06 / 0.006	$\alpha$ Phellandrene	0.00 / 0.000
$\alpha$ Humulene	1.31 / 0.131	Caryophyllene Oxide	0.05 / 0.005
Terpinolene	0.18 / 0.018	Terpineol	0.59 / 0.059
Valencene	0.10 / 0.010	$\beta$ Pinene	1.14 / 0.114
Menthol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Nerolidol	0.00 / 0.000	Geranyl Acetate	0.00 / 0.000
Camphene	0.15 / 0.015	Citronellol	0.05 / 0.005
Eucalyptol	0.00 / 0.000	p-Cymene	0.00 / 0.000
$\alpha$ Cedrene	0.00 / 0.000	Ocimene	0.00 / 0.000
Camphor	0.00 / 0.000	Guaiol	0.02 / 0.002
(-)-Isopulegol	0.00 / 0.000	Phytol	0.32 / 0.032
Sabinene	0.00 / 0.000	Isoborneol	0.00 / 0.000

**Total Terpene Concentration:** 33.58 mg/g / 3.358 %

## Residual Solvent Test Results

Residual Solvent analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

Propane	N/A	Ethanol	N/A
Methanol	N/A	Isopropanol	N/A
Isobutane	N/A	Mercaptan	N/A
2,2-Dimethylbutane	N/A	2-Methylpentane	N/A
3-Methylpentane	N/A	Cyclohexane + Benzene	N/A
Isopentane	N/A	Neopentane	N/A
n Butane	N/A	n Heptane	N/A
n Hexane	N/A	n Pentane	N/A

## Sample Certification



Scan to verify at sclabs.com

This sample has been tested by SC Labs and the results are valid until the expiration date shown.

*Josh Wurzer*  
 Josh Wurzer, President