

Sample Name: calm50-1  
 LIMS Sample ID: 181012L001  
 Batch #:  
 Sample Metric ID:  
 Sample Type: Infused, Other  
 Batch Count:  
 Sample Count:  
 Unit Mass: 1 Grams per Unit

Date Collected: 10/11/2018  
 Date Received: 10/12/2018  
 Tested for: Calm Vape  
 License #:  
 Address:  
 Produced by:  
 License #:  
 Address:  
 Overall result for batch:

## Moisture Test Results

Moisture	%	Action Limit %
	NT	

## Cannabinoid Test Results

**10/16/2018**

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD mg/g	LOQ mg/g
THC	ND	ND	0.000034	0.001
THCa	ND	ND	0.000066	0.001
CBD	45.681	4.5681	0.000057	0.001
CBDa	ND	ND	0.000038	0.001
CBN	ND	ND	0.000029	0.001
CBDV	0.114	0.0114	0.000065	0.001
CBDVa	ND	ND	0.00003	0.001
CBG	ND	ND	0.000086	0.001
CBGa	ND	ND	0.000072	0.001
THCV	ND	ND	0.000035	0.001
Δ8 - THC	ND	ND	0.000083	0.001
CBC	ND	ND	0.000095	0.001

**Sum of Cannabinoids: 45.795 4.5795 45.795 mg/Unit**

Total THC ( $\Delta 9\text{THC} + 0.877 * \text{THCa}$ ) ND ND ND  
 Total CBD ( $\text{CBD} + 0.877 * \text{CBDa}$ ) 45.681 4.5681 45.681 mg/Unit

## Residual Solvent Test Results

**10/17/2018**

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
1,2-Dichloroethane	ND	ND	0.162	0.474
Benzene	ND	ND	0.321	0.941
Chloroform	ND	ND	0.096	0.282
Ethylene Oxide	ND	ND	0.321	0.941
Methylene chloride	ND	ND	0.192	0.563
Trichloroethylene	ND	ND	0.127	0.373
Acetone	ND	5000.0	371.43	1088.28
Acetonitrile	ND	410.0	0.657	1.925
Butane	ND	5000.0	107.06	313.69
Ethanol	ND	5000.0	149.81	438.94
Ethyl acetate	ND	5000.0	149.48	437.97
Ethyl ether	ND	5000.0	375.12	1099.1
Heptane	ND	5000.0	149.21	437.17
Hexane	ND	290.0	18.5	54.22
Isopropyl Alcohol	ND	5000.0	74.61	218.59
Methanol	ND	3000.0	96.47	282.66
Pentane	ND	5000.0	149.25	437.31
Propane	ND	5000.0	106.66	312.5
Toluene	ND	890.0	7.107	20.82
Total Xylenes	ND	2170.0	1.387	4.065

## Terpene Test Results

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

	mg/g / %		mg/g / %
α Bisabolol	NT	α Terpinene	NT
α Pinene	NT	Linalool	NT
3 Carene	NT	Limonene	NT
Borneol	NT	Myrcene	NT
β Caryophyllene	NT	Fenchol	NT
Geraniol	NT	α Phellandrene	NT
α Humulene	NT	Caryophyllene Oxide	NT
Terpinolene	NT	Terpineol	NT
Valencene	NT	β Pinene	NT
Menthol	NT	R-(+)-Pulegone	NT
Nerolidol	NT	Geranyl Acetate	NT
Camphene	NT	Citronellol	NT
Eucalyptol	NT	p-Cymene	NT
α Cedrene	NT	Ocimene	NT
Camphor	NT	Guaiol	NT
(-)-Isopulegol	NT	Phytol	NT
Sabinene	NT	Isoborneol	NT
γ Terpinene	NT		

**Total Terpene Concentration:**

NT

## Microbiological Test Results

**10/18/2018**


PCR and fluorescence detection of microbiological impurities

	ND	Action Limit
Shiga toxin-producing Escherichia coli	ND	ND
Salmonella spp.	ND	ND
Aspergillus fumigatus	NT	
Aspergillus flavus	NT	
Aspergillus niger	NT	
Aspergillus terreus	NT	

## Sample Certification



Scan to verify at sclabs.com

  
 Josh Wurzer, President  
 Date: 10/18/2018

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## Pesticide Test Results

10/16/2018

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

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Abamectin	ND	0.3	0.032	0.1
Acephate	ND	5.0	0.032	0.1
Acequinocyl	ND	4.0	0.032	0.1
Acetamiprid	ND	5.0	0.032	0.1
Azoxystrobin	ND	40.0	0.032	0.1
Bifenazate	ND	5.0	0.032	0.1
Bifenthrin	ND	0.5	0.032	0.1
Boscalid	ND	10.0	0.032	0.1
Captan	ND	5.0	0.032	0.1
Carbaryl	ND	0.5	0.032	0.1
Chlorantraniliprole	ND	40.0	0.032	0.1
Clofentezine	ND	0.5	0.032	0.1
Cyfluthrin	ND	1.0	0.032	0.1
Cypermethrin	ND	1.0	0.032	0.1
Diazinon	ND	0.2	0.032	0.1
Dimethomorph	ND	20.0	0.032	0.1
Etoxazole	ND	1.5	0.032	0.1
Fenhexamid	ND	10.0	0.032	0.1
Fenpyroximate	ND	2.0	0.032	0.1
Flonicamid	ND	2.0	0.032	0.1
Fludioxonil	ND	30.0	0.032	0.1
Hexythiazox	ND	2.0	0.032	0.1
Imidacloprid	ND	3.0	0.032	0.1
Kresoxim-methyl	ND	1.0	0.032	0.1
Malathion	ND	5.0	0.032	0.1
Metalaxyl	ND	15.0	0.032	0.1
Methomyl	ND	0.1	0.032	0.1
Myclobutanil	ND	9.0	0.032	0.1
Naled	ND	0.5	0.032	0.1
Oxamyl	ND	0.2	0.032	0.1
Pentachloronitrobenzene	ND	0.2	0.032	0.1
Permethrin	ND	20.0	0.032	0.1
Phosmet	ND	0.2	0.032	0.1
Piperonylbutoxide	ND	8.0	0.032	0.1
Prallethrin	ND	0.4	0.032	0.1
Propiconazole	ND	20.0	0.032	0.1
Pyrethrins	ND	1.0	0.032	0.1
Pyridaben	ND	3.0	0.032	0.1
Spinetoram	ND	3.0	0.032	0.1
Spinosad	ND	3.0	0.032	0.1
Spiromesifen	ND	12.0	0.032	0.1
Spirotetramat	ND	13.0	0.032	0.1
Tebuconazole	ND	2.0	0.032	0.1
Thiamethoxam	ND	4.5	0.032	0.1
Trifloxystrobin	ND	30.0	0.032	0.1

## Pesticide Test Results

10/16/2018

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

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Aldicarb	ND	ND	0.032	0.1
Carbofuran	ND	ND	0.032	0.1
Chlordane	ND	ND	0.032	0.1
Chlorfenapyr	ND	ND	0.032	0.1
Chlorpyrifos	ND	ND	0.032	0.1
Coumaphos	ND	ND	0.032	0.1
Daminozide	ND	ND	0.032	0.1
DDVP (Dichlorvos)	ND	ND	0.032	0.1
Dimethoate	ND	ND	0.032	0.1
Ethoprop(hos)	ND	ND	0.032	0.1
Etofenprox	ND	ND	0.032	0.1
Fenoxycarb	ND	ND	0.032	0.1
Fipronil	ND	ND	0.032	0.1
Imazalil	ND	ND	0.032	0.1
Methiocarb	ND	ND	0.032	0.1
Methyl parathion	ND	ND	0.032	0.1
Mevinphos	ND	ND	0.032	0.1
Paclobutrazol	ND	ND	0.032	0.1
Propoxur	ND	ND	0.032	0.1
Spiroxamine	ND	ND	0.032	0.1
Thiacloprid	ND	ND	0.032	0.1

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### Label Claim Test Results

#### Cannabinoids

Description	Claim	Actual	% Diff	Fail Limit
N/A	N/A	N/A	N/A	N/A

#### Terpenoids

Description	Claim	Actual	% Diff	Fail Limit
N/A	N/A	N/A	N/A	N/A

#### Note

### Foreign Material Test Results

NT

### Sample Certification



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 Josh Wurzer, President  
 Date: 10/18/2018