

**Sample Name: CBD Spray 4:1 6988**

Client: sonomalabworks

Sample Type: Edible

Strain: Unknown

Product Weight: 15.4 g

Moisture: 0.0% [LPG-001]

Submitted: June 09, 2017

Tested: June 09, 2017

Expires: December 06, 2017

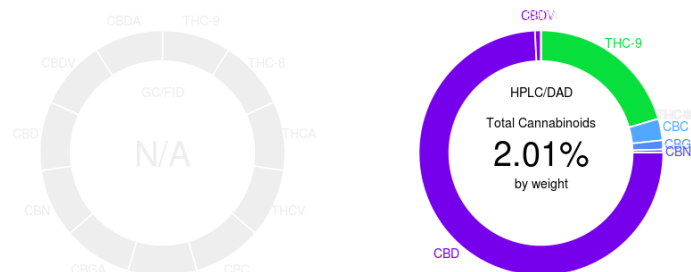
Submitted for: HPLC, Chemres, Micro,

**Cannabinoid Profiling**

Analysis of major cannabinoids by advanced chromatography. [GC: SOP-010; HPLC: SOP-014]

	HPLC		GC	
	Percent	Total mg	Percent	mg/g
d9-THC	0.41	63.39	NA	NA
d8-THC	ND*	ND*	NA	NA
THCA	ND*	ND*	NA	NA
THCV	ND*	ND*	NA	NA
CBC	0.06	8.73	NA	NA
CBG	0.02	3.71	NA	NA
CBGA	ND*	ND*	NA	NA
CBN	0.01	1.23	NA	NA
CBD	1.49	229.57	NA	NA
CBDV	0.02	2.42	NA	NA
CBDA	ND*	ND*	NA	NA
<b>Total</b>	<b>2.01</b>	<b>309.05</b>	<b>NA</b>	<b>NA</b>

-100% Decarboxylated THC



**Microbiological Screening**

Petrifilm screening for microbiological contamination. [SOP-009]

	Count	Client Limit**	Status***
APC	<100,000	100,000	Pass
Yeast & Mold	<10,000	10,000	Pass
Coliform	<100	100	Pass
E coli	<10	10	Pass
Pseudomonas	<0	0	Pass
Salmonella	NA	0	Pass

\*TNTC = Too Numerous To Count

\*\*Client Limit = The limit is self-selected and will be replaced by official CA state limits when they become available.

\*\*\*Pass/Fail based on client limit selected.

**Terpene Profiling**

Analysis of terpenes. [SOP-012]

	PPM		PPM		PPM
b-Myrcene	NA	Sabinene	NA	Elemene	NA
Nerol	NA	b-Pinene	NA	Phellandrene	NA
Nerolidol	NA	Camphene	NA	Isopulegol	NA
Ocimene	NA	Eucalyptol	NA	Linalool	NA
a-Bisbolol	NA	(-)-Fenchone	NA	(+)-Fenchone	NA
Farnasene	NA	Fenchol	NA	a-Caryophyllene	NA
Valencene	NA	Camphor	NA	Guaiol	NA
d3-Carene	NA	Borneol	NA	Bergamotene	NA
d-Limonene	NA	Pulegone	NA	Terpineol	NA
g-Terpinene	NA	Cedrol	NA	Terpinolene	NA
a-Pinene	NA	b-Caryophyllene	NA	a-Terpinene	NA

**Total Terpenes**

**0.0 PPM**

\*ND = Not Detected

**Residual Solvent Analysis**

Analysis of residual solvents. [SOP-011]

	PPM	Client Limit**		PPM	Client Limit**
Acetone	<400	400	Isopentane	<400	400
Benzene	<400	400	Isopropanol	<400	400
Chloroform	<400	400	Methanol	<400	400
Ethanol	<400	400	nButane	<400	400
Heptane	<400	400	Pentane	<400	400
Hexane	<400	400	Propane	<400	400
Isobutane	<400	400	Toluene	<400	400

\*ND = Not Detected

\*\*Client Limit is self-selected and will be replaced by official CA State limits when they become available



This sample was tested by CW Analytical Laboratories. Results are valid through the expiration date indicated.

*Robert W Martin, PhD*  
Robert W Martin, PhD

## Sample Name: CBD Spray 4:1 6988

Client: sonomalabworks

Sample Type: Edible

Strain: Unknown

Product Weight: 15.4 g

Moisture: 0.0% [LPG-001]

Submitted: June 09, 2017

Tested: June 09, 2017

Expires: December 06, 2017

Submitted for: HPLC, Chemres, Micro,

## Chemical Residue Screening

Targeted analysis of chemical residues. [SOP-017]

	PPB	Client Limit*	Status***		PPB	Client Limit**	Status***
Abamectin	<500	500	Pass	Imidacloprid	<400	400	Pass
Azoxystrobin	<200	200	Pass	Malathion	<200	200	Pass
Bifenazate	<200	200	Pass	Metalaxyl	<200	200	Pass
Bifenthrin	<200	200	Pass	Myclobutanil	<200	200	Pass
Boscalid	<400	400	Pass	Pacllobutrazol	<400	400	Pass
Carbaryl	<200	200	Pass	Permethrin	<200	200	Pass
Dichlorvos	<1000	1000	Pass	Spiromesifen	<200	200	Pass
Etoxazole	<200	200	Pass	Spirotetramat	<200	200	Pass
Fenoxycarb	<200	200	Pass	Tebuconazole	<400	400	Pass
Imazalil	<200	200	Pass	Trifloxystrobin	<200	200	Pass

\*ND = Not Detected

\*\*Client Limit is self-selected and will be replaced by official CA State limits when they become available

\*\*\*Pass/Fail based on client limit selected.

