

**Sample Name: Care by Design 18:1 Cartridge**

Client: sonomalabworks  
 Sample Type: Ecartridge  
 Strain: Unknown  
 Moisture: 0.0% [LPG-001]

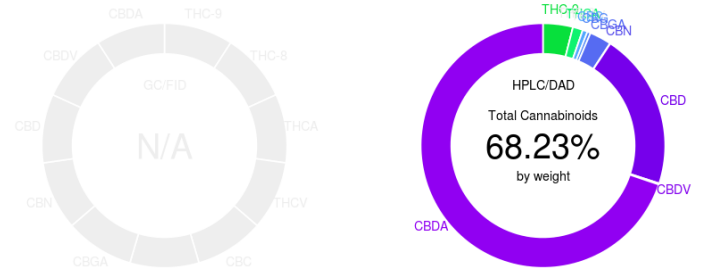
Submitted: June 23, 2017  
 Tested: June 23, 2017  
 Expires: December 20, 2017  
 Submitted for: HPLC, Chemres, Micro,

**Cannabinoid Profiling**

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

	HPLC		GC	
	Percent	mg/g	Percent	mg/g
d9-THC	2.70	26.99	NA	NA
d8-THC	ND*	ND*	NA	NA
THCA	0.91	9.10	NA	NA
THCV	ND*	ND*	NA	NA
CBC	0.44	4.36	NA	NA
CBG	0.30	3.02	NA	NA
CBGA	1.96	19.57	NA	NA
CBN	0.04	0.41	NA	NA
CBD	14.13	141.28	NA	NA
CBDV	0.11	1.14	NA	NA
CBDA	47.65	476.46	NA	NA
<b>Total</b>	<b>68.23</b>	<b>682.32</b>	<b>NA</b>	<b>NA</b>

-75% 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	
Coliform	NA	100	
E coli	NA	10	
Pseudomonas	NA	0	
Salmonella	NA	0	

\*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

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**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	Paclobutrazol	<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

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

