

**Sample Name: 848 PJ SH**

Client: bloominnovations

Sample Type: Wax

Strain: Unknown

Submitted: December 13, 2017

Tested: December 13, 2017

Expires: June 11, 2018

Submitted for: HPLC, Chemres, Micro, Terpenes, Residual Solvent,

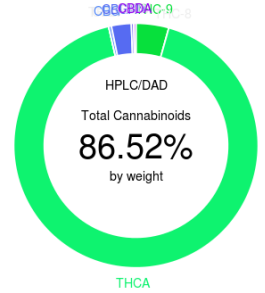
**Cannabinoid Profiling**

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

	HPLC		GC	
	Percent	mg/g	Percent	mg/g
d9-THC	3.76	37.57	NA	NA
d8-THC	ND*	ND*	NA	NA
THCA	79.65	796.50	NA	NA
THCV	ND*	ND*	NA	NA
CBC	ND*	ND*	NA	NA
CBG	0.32	3.20	NA	NA
CBGA	2.27	22.66	NA	NA
CBN	0.30	2.99	NA	NA
CBD	ND*	ND*	NA	NA
CBDV	ND*	ND*	NA	NA
CBDA	0.23	2.25	NA	NA
<b>Total</b>	<b>86.52</b>	<b>865.17</b>	<b>NA</b>	<b>NA</b>

HPLC/DAD results are not moisture normalized.

-5% Decarboxylated THC



**Microbiological Screening**

Petrifilm screening for microbiological contamination. [SOP-009]

	Count	Client Limit**	Status***
APC	<100000	100000	Pass
Yeast & Mold	<10000	10000	Pass
Coliform	<100	100	Pass
E coli	<10	10	Pass
Pseudomonas	<TNTC*	TNTC*	Pass
Salmonella	<TNTC*	TNTC*	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]

Percent		Percent		Percent	
b-Myrcene	0.21	Sabinene	ND*	Elemene	ND*
Nerol	0.04	b-Pinene	0.16	Phellandrene	0.08
Nerolidol	0.01	Camphene	0.03	Isopulegol	0.01
Ocimene	0.22	Eucalyptol	0.03	Linalool	0.06
a-Bisbolol	0.01	(-)-Fenchone	ND*	(+)-Fenchone	ND*
Farnasene	ND*	Fenchol	0.04	a-Caryophyllene	0.10
Valencene	0.27	Camphor	ND*	Guaiol	ND*
d3-Carene	ND*	Borneol	ND*	Bergamotene	ND*
d-Limonene	0.24	Pulegone	ND*	Terpineol	0.08
g-Terpinene	0.08	Cedrol	ND*	Terpinolene	1.03
a-Pinene	0.16	b-Caryophyllene	0.29	a-Terpinene	0.08
<b>Total Terpenes</b>		<b>3.2 Percent</b>			

\*ND = Not Detected

**Residual Solvent Analysis**

Analysis of residual solvents. [SOP-011]

	PPM	Client Limit**		PPM	Client Limit**
Acetone	<400	400	Isopropanol	<400	400
Benzene	<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

**Sum of Residual Solvents**

**<400 PPM**

**Status: Pass (Client Limit\*\*: 400 PPM)**

\*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*  
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**Chemical Residue Screening**

Targeted analysis of chemical residues. [SOP-017]

	PPB	Client Limit*	Status***		PPB	Client Limit**	Status***
Abamectin	<100	100	Pass	Imidacloprid	<100	100	Pass
Azoxystrobin	<100	100	Pass	Malathion	<100	100	Pass
Bifenazate	<100	100	Pass	Metalaxyl	<100	100	Pass
Bifenthrin	<100	100	Pass	Myclobutanil	<100	100	Pass
Boscalid	<100	100	Pass	Paclobutrazol	<100	100	Pass
Carbaryl	<100	100	Pass	Permethrin	<100	100	Pass
Dichlorvos	<100	100	Pass	Spirotetramat	<100	100	Pass
Etoxazole	<100	100	Pass	Tebuconazole	<100	100	Pass
Fenoxycarb	<100	100	Pass	Trifloxystrobin	<100	100	Pass
Imazail	<100	100	Pass				

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\*\*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.

