

**Sample Name: 1039 PJ-SH-2**

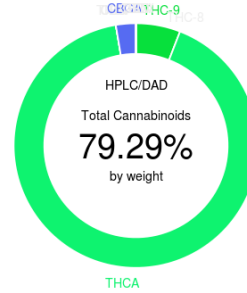
Client: bloominnovations  
 Sample Type: Wax  
 Strain: Unknown

Submitted: April 02, 2018  
 Tested: April 02, 2018  
 Expires: March 29, 2019  
 Submitted for: HPLC, Chemres, Micro, Residual Solvent,

**Profiling by Liquid Chromatography - Pass**

(SOP-014) | Date Performed: 2018-04-02

Cannabinoid	Percent	mg/g	LOQ	LOD	L.C. <sup>1</sup>	Status
d9-THC	4.66	46.60	5.00	1.67	-	Pass
d8-THC	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
THCA	72.54	725.40	5.00	1.67	-	Pass
THCV	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
CBG	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
CBGA	2.09	20.90	5.00	1.67	-	Pass
CBN	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
CBD	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
CBDV	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
CBDA	ND <sup>1</sup>	ND <sup>1</sup>	5.00	1.67	-	Pass
<b>Total</b>	<b>79.29</b>	<b>792.87</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>Pass</b>



HPLC/DAD results are not moisture normalized.  
 -6% Decarboxylated THC  
<sup>1</sup>L.C. = Label Claim in percentage units

**Microbiological Screening - Pass**

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed: 2018-04-02

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	< A.L.	< 1 cfu/g	1 cfu/g	Pass
Salmonella	< A.L.	< 1 cfu/g	1 cfu/g	Pass
Aspergillus	< A.L.	< 1 cfu/g	1 cfu/g	Pass
Pseudomonas	< A.L.	< 1 cfu/g	1 cfu/g	Pass
APC	< A.L.	< 1 cfu/g	100000 cfu/g	Pass
E. Coli	< A.L.	< 1 cfu/g	10 cfu/g	Pass
Coliform	< A.L.	< 1 cfu/g	100 cfu/g	Pass
Yeast & Mold	< A.L.	< 1 cfu/g	10000 cfu/g	Pass

\*TNTC = Too Numerous To Count

<sup>1</sup>ND = Not Detected

**Residual Solvent Analysis - Pass**

Analysis of residual solvents. [SOP-011] | Date Performed: 2018-04-02

Solvent	ug/g	Action Limit	LOQ	LOD	Status
Benzene	< A.L.	0.00	3.00	1.00	Pass
Chloroform	< A.L.	0.00	5.00	1.66	Pass
1-2-Dichloroethane	< A.L.	0.00	3.00	1.00	Pass
Ethylene Oxide	< A.L.	0.00	5.00	1.66	Pass
Methylene Chloride	< A.L.	0.00	5.00	1.66	Pass
Trichloroethylene	< A.L.	0.00	5.00	1.66	Pass
Acetone	< A.L.	3100.00	50.00	10.00	Pass
Acetonitrile	< A.L.	6.00	6.00	2.30	Pass
Ethanol	< A.L.	5000.00	50.00	1.00	Pass
Ethyl Acetate	< A.L.	5000.00	50.00	1.00	Pass
Heptane	< A.L.	5000.00	50.00	1.00	Pass
Hexane	< A.L.	70.00	5.00	1.00	Pass
Isopropanol	< A.L.	320.00	50.00	10.00	Pass
Methanol	< A.L.	400.00	50.00	10.00	Pass
N-Butane	< A.L.	5000.00	50.00	6.50	Pass
Pentane	< A.L.	5000.00	50.00	1.00	Pass
Propane	< A.L.	5000.00	200.00	10.00	Pass
Toluene	< A.L.	30.00	3.00	1.00	Pass
Total Xylenes	< A.L.	10.00	3.00	1.00	Pass

\*ND = Not Detected

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



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**Chemical Residue Screening - Pass**

Targeted analysis of chemical residues. [SOP-017] | Date Performed: 2018-04-02

	ug/g	LOQ	LOD	Action Limit	Status		ug/g	LOQ	LOD	Action Limit	Status
Abamectin	< A.L.	0.04	0.01	0.10	Pass	Fludioxonil	< A.L.	0.03	0.01	0.10	Pass
Acephate	< A.L.	0.31	0.10	0.10	Pass	Hexythiazox	< A.L.	0.04	0.01	0.10	Pass
Acequinocyl	< A.L.	0.03	0.01	0.10	Pass	Imazalil	< A.L.	0.01	0.01	0.00	Pass
Acetamiprid	< A.L.	0.03	0.01	0.10	Pass	Imidacloprid	< A.L.	0.04	0.01	5.00	Pass
Aldicarb	< A.L.	0.04	0.01	0.00	Pass	Kresoxim-methyl	< A.L.	0.02	0.01	0.10	Pass
Azoxystrobin	< A.L.	0.02	0.01	0.10	Pass	Metalaxyl	< A.L.	0.01	0.01	2.00	Pass
Bifenazate	< A.L.	0.03	0.01	0.10	Pass	Methiocarb	< A.L.	0.03	0.01	0.00	Pass
Bifenthrin	< A.L.	0.17	0.06	3.00	Pass	Methomyl	< A.L.	0.03	0.01	1.00	Pass
Boscalid	< A.L.	0.03	0.01	0.10	Pass	Mevinphos	< A.L.	0.03	0.01	0.00	Pass
Captan	< A.L.	0.07	0.02	0.70	Pass	Myclobutanil	< A.L.	0.03	0.01	0.10	Pass
Carbaryl	< A.L.	0.03	0.01	0.50	Pass	Naled	< A.L.	0.06	0.02	0.10	Pass
Carbofuran	< A.L.	0.02	0.01	0.00	Pass	Oxamyl	< A.L.	0.04	0.01	0.50	Pass
Chlorantraniliprole	< A.L.	0.06	0.02	10.00	Pass	Paclbutrazol	< A.L.	0.03	0.01	0.00	Pass
Chlordane	< A.L.	0.12	0.04	0.00	Pass	Parathion methyl	< A.L.	0.14	0.05	0.00	Pass
Chlorfenapyr	< A.L.	0.06	0.02	0.00	Pass	PCNB	< A.L.	0.05	0.02	0.10	Pass
Chlorpyrifos	< A.L.	0.13	0.04	0.00	Pass	Permethrin	< A.L.	0.05	0.02	0.50	Pass
Clofentezine	< A.L.	0.04	0.01	0.10	Pass	Phosmet	< A.L.	0.02	0.01	0.10	Pass
Coumaphos	< A.L.	0.05	0.02	0.00	Pass	Piperonyl butoxide	< A.L.	0.02	0.01	3.00	Pass
Cyfluthrin	< A.L.	0.13	0.04	2.00	Pass	Prallethrin	< A.L.	0.07	0.02	0.10	Pass
Cypermethrin	< A.L.	0.10	0.03	1.00	Pass	Propiconazole	< A.L.	0.02	0.01	0.10	Pass
Daminozide	< A.L.	0.05	0.02	0.00	Pass	Propoxure	< A.L.	0.02	0.01	0.00	Pass
Diazinon	< A.L.	0.02	0.01	0.10	Pass	Pyrethrin	< A.L.	0.09	0.03	0.50	Pass
Dichlorvos	< A.L.	0.03	0.01	0.00	Pass	Pyridaben	< A.L.	0.00	0.00	0.10	Pass
Dimethoate	< A.L.	0.05	0.02	0.00	Pass	Spinetoram	< A.L.	0.03	0.01	0.10	Pass
Dimethomorph	< A.L.	0.01	0.01	2.00	Pass	Spinosad	< A.L.	0.02	0.01	0.10	Pass
Ethoprophos	< A.L.	0.05	0.02	0.00	Pass	Spiromesifen	< A.L.	0.07	0.02	0.10	Pass
Etofenprox	< A.L.	0.03	0.01	0.00	Pass	Spirotetramat	< A.L.	0.03	0.01	0.10	Pass
Etoxazole	< A.L.	0.02	0.01	0.10	Pass	Spiroxamine	< A.L.	0.03	0.01	0.00	Pass
Fenhexamid	< A.L.	0.03	0.01	0.10	Pass	Tebuconazole	< A.L.	0.06	0.02	0.10	Pass
Fenoxycarb	< A.L.	0.03	0.01	0.00	Pass	Thiacloprid	< A.L.	0.02	0.01	0.00	Pass
Fenpyroximate	< A.L.	0.03	0.01	0.10	Pass	Thiamethoxam	< A.L.	0.02	0.01	5.00	Pass
Fipronil	< A.L.	0.04	0.01	0.00	Pass	Trifloxystrobin	< A.L.	0.04	0.01	0.10	Pass
Flonicamid	< A.L.	0.04	0.01	0.10	Pass						

\*ND = Not Detected  
NT = Not Tested

**Terpene Profiling -**

Analysis of terpenes. [SOP-012] | Date Performed:

	PPM	mg/g	LOQ	LOD	L.C. <sup>2</sup>	Status		PPM	mg/g	LOQ	LOD	L.C. <sup>2</sup>	Status
b-Myrcene	NT						Camphor	NT					
Nerol	NT						Borneol	NT					
Nerolidol	NT						Pulegone	NT					
Ocimene	NT						Cedrol	NT					
a-Bisbolol	NT						b-Caryophyllene	NT					
Farnasene	NT						Elemene	NT					
Valencene	NT						Phellandrene	NT					
d3-Carene	NT						Isopulegol	NT					
d-Limonene	NT						Linalool	NT					
g-Terpinene	NT						(+)-Fenchone	NT					
a-Pinene	NT						a-Caryophyllene	NT					
Sabinene	NT						Guaiol	NT					
b-Pinene	NT						Bergamotene	NT					
Camphene	NT						Terpineol	NT					
Eucalyptol	NT						Terpinolene	NT					
(-)-Fenchone	NT						a-Terpinene	NT					
Fenchol	NT												

**Total Terpenes 0.0 PPM**

<sup>1</sup>ND = Not Detected  
<sup>2</sup>L.C. = Label Claim



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

*Robert W Martin, PhD*  
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