

**Sample Name: 828 HBcrumb 12.1**

Client: bloominnovations

Sample Type: Wax

Strain: Unknown

Submitted: December 11, 2017

Tested: December 11, 2017

Expires: June 09, 2018

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

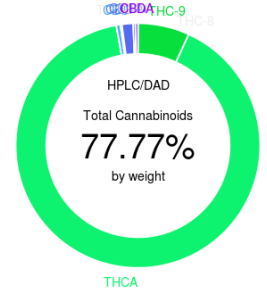
**Cannabinoid Profiling**

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

	HPLC		GC	
	Percent	mg/g	Percent	mg/g
d9-THC	5.31	53.08	NA	NA
d8-THC	ND*	ND*	NA	NA
THCA	70.25	702.52	NA	NA
THCV	ND*	ND*	NA	NA
CBC	0.41	4.11	NA	NA
CBG	0.17	1.70	NA	NA
CBGA	1.14	11.43	NA	NA
CBN	0.23	2.31	NA	NA
CBD	ND*	ND*	NA	NA
CBDV	ND*	ND*	NA	NA
CBDA	0.26	2.55	NA	NA
<b>Total</b>	<b>77.77</b>	<b>777.70</b>	<b>NA</b>	<b>NA</b>

HPLC/DAD results are not moisture normalized.

-7% 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	0.35	Sabinene	ND*	Elemene	ND*
Nerol	0.08	b-Pinene	0.13	Phellandrene	0.02
Nerolidol	0.01	Camphene	0.03	Isopulegol	ND*
Ocimene	0.03	Eucalyptol	ND*	Linalool	0.20
a-Bisbolol	0.02	(-)-Fenchone	ND*	(+)-Fenchone	ND*
Farnasene	ND*	Fenchol	0.21	a-Caryophyllene	0.10
Valencene	0.02	Camphor	ND*	Guaiol	ND*
d3-Carene	0.01	Borneol	0.01	Bergamotene	ND*
d-Limonene	0.48	Pulegone	ND*	Terpineol	0.06
g-Terpinene	0.01	Cedrol	0.01	Terpinolene	0.11
a-Pinene	0.09	b-Caryophyllene	0.28	a-Terpinene	0.01
<b>Total Terpenes</b>		<b>2.3 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



## Sample Name: 828 HBcrumb 12.1

Client: bloominnovations

Sample Type: Wax

Strain: Unknown

Submitted: December 11, 2017

Tested: December 11, 2017

Expires: June 09, 2018

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

**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				

\*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.

