

Sample Name: 996 HB-SH-3

Client: bloominnovations

Sample Type: Wax

Strain: Unknown

Submitted: February 28, 2018

Tested: February 28, 2018

Expires: February 27, 2019

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	2.72	27.25	NA	NA
d8-THC	ND ¹	ND ¹	NA	NA
THCA	74.61	746.15	NA	NA
THCV	0.52	5.23	NA	NA
CBG	ND ¹	ND ¹	NA	NA
CBGA	0.84	8.44	NA	NA
CBN	ND ¹	ND ¹	NA	NA
CBD	ND ¹	ND ¹	NA	NA
CBDV	ND ¹	ND ¹	NA	NA
CBDA	ND ¹	ND ¹	NA	NA
Total	78.71	787.06	NA	NA



HPLC/DAD results are not moisture normalized.
~4% 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	<1	1	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	0.43	Sabinene	ND ¹	Elemene	ND ¹
Nerol	ND ¹	b-Pinene	0.10	Phellandrene	0.02
Nerolidol	0.02	Camphene	0.02	Isopulegol	ND ¹
Ocimene	ND ¹	Eucalyptol	ND ¹	Linalool	0.18
a-Bisbolol	0.02	(-)-Fenchone	ND ¹	(+)-Fenchone	ND ¹
Farnasene	ND ¹	Fenchol	0.12	a-Caryophyllene	0.14
Valencene	0.03	Camphor	ND ¹	Guaiol	ND ¹
d3-Carene	0.01	Borneol	0.01	Bergamotene	ND ¹
d-Limonene	0.42	Pulegone	ND ¹	Terpineol	0.05
g-Terpinene	0.01	Cedrol	0.01	Terpinolene	0.27
a-Pinene	0.07	b-Caryophyllene	0.39	a-Terpinene	0.01
Total Terpenes		2.3 Percent			

*ND = Not Detected

Residual Solvent Analysis

Analysis of residual solvents. [SOP-011]

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

CW uses its best efforts to deliver high quality results and to verify that the data contained therein are based on sound scientific judgement. However, CW makes no warranties or claims to that effect and further shall not be liable for any damage or misrepresentation that may result from the use or misuse of these data in any way. Further, CW makes no claims regarding the representativeness of the analyzed sample to the larger batch from which it was taken. As part of our strict confidentiality policy, CW can only discuss results with the original client of record. Comments? lab@cwanalytical.com



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				

*ND = Not Detected

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