

Sample Name: Silverback

Client: humboldtgreensafe
 Sample Type: Flower
 Strain: Unknown
 Moisture: 13.0%

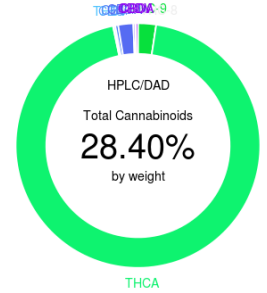
Submitted: March 22, 2016
 Tested: March 22, 2016
 Expires: June 20, 2016

Cannabinoid Profiling

Analysis of major cannabinoids by advanced chromatography.

	GC/FID		HPLC/DAD	
	Percent	mg/g	Percent	mg/g
d9-THC	NA	NA	0.68	6.80
d8-THC	NA	NA	0.00	0.00
THCA	NA	NA	26.78	267.84
THCV	NA	NA	0.02	0.21
CBC	NA	NA	0.07	0.65
CBG	NA	NA	0.11	1.11
CBGA	NA	NA	0.56	5.63
CBN	NA	NA	0.08	0.75
CBD	NA	NA	0.00	0.00
CBDV	NA	NA	0.02	0.16
CBDA	NA	NA	0.08	0.81
Total	NA	NA	28.40	283.97

-2% Decarboxylated THC



Microbiological Screening

Petrifilm screening for microbiological contamination.

	Count	Limit	Status
APC	92,000	100,000	Pass
Yeast & Mold	0	10,000	Pass
Coliform	NA	100	
E coli	NA	10	
Pseudomonas	NA	0	
Salmonella	NA	0	

*NTC = Too Numerous To Count

Chemical Residue Screening

Targeted analysis of chemical residues by GC/ECD and/or GC/MS.

	PPM	Limit	Status		PPM	Limit	Status
BHC	0.0	0.1	Pass	Endrin	0.0	0.1	Pass
Bifenezate	0.0	0.1	Pass	Heptachlor	0.0	0.1	Pass
Bifenthrin	0.0	0.1	Pass	Imidacloprid	0.0	0.1	Pass
Chlordane	0.0	0.1	Pass	Methoxychlor	0.0	0.1	Pass
DDT	0.0	0.1	Pass	Myclobutanil	0.0	0.1	Pass
Dieldrin	0.0	0.1	Pass	Permethrin	0.0	0.1	Pass
Endosulfan	0.0	0.1	Pass	Pyrethrin	0.0	0.1	Pass

*ND = Non-Detect

Terpene Profiling

Analysis of terpenes by GC/MS.

	Percent		Percent		Percent
b-Myrcene	0.52	Sabinene	0.00	Elemene	0.00
Nerol	0.00	b-Pinene	0.25	Phellandrene	0.00
Nerolidol	0.03	Camphene	0.02	Isopulegol	0.00
Ocimene	0.00	Eucalyptol	0.00	Linalool	0.00
a-Bisbolol	0.00	(-)-Fenchone	0.00	(+)-Fenchone	0.00
Farnasene	0.00	Fenchol	0.00	a-Caryophyllene	0.14
Valencene	0.00	Camphor	0.00	Guaiol	0.00
d3-Carene	0.00	Borneol	0.00	Bergamotene	0.00
d-Limonene	0.04	Pulegone	0.00	Terpineol	0.01
g-Terpinene	0.00	Cedrol	0.01	Terpinolene	0.00
a-Pinene	1.50	b-Caryophyllene	0.35	a-Terpinene	0.00
Total Terpenes		2.9 Percent			

*ND = Non-Detect

Residual Solvent Screening

Analysis of residual solvents by GC/MS.

	PPM		PPM		PPM
Acetone	NA	Hexane	NA	nButane	NA
Benzene	NA	Isobutane	NA	Pentane	NA
Chloroform	NA	Isopentane	NA	Propane	NA
Ethanol	NA	Isopropanol	NA	Toluene	NA
Heptane	NA	Methanol	NA		

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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