

Sample Name: Blue Dream

Client: exampleclient
 Sample Type: Flower
 Strain: Blue Dream
 Moisture: 8.8%

Flower potency is reported as % cannabinoids by **dry weight**, so moisture content is analyzed and displayed here.

Submitted: March 24, 2016
 Tested: March 24, 2016
 Expires: June 22, 2016

Cannabinoid Profiling

Analysis of major cannabinoids by advanced chromatography.

	GC/FID		HPLC/DAD	
	Percent	mg/g	Percent	mg/g
d9-THC	NA	NA	1.10	10.96
d8-THC	NA	NA	0.03	0.31
THCA	NA	NA	17.76	177.63
THCV	NA	NA	0.13	1.25
CBC	NA	NA	0.34	3.45
CBG	NA	NA	0.22	2.19
CBGA	NA	NA	0.00	0.00
CBN	NA	NA	0.19	1.88
CBD	NA	NA	0.16	1.57
CBDV	NA	NA	0.00	0.00
CBDA	NA	NA	0.00	0.00
Total	NA	NA	19.92	199.25

-6% Decarboxylated THC



When a sample is submitted for **routine** micro, follow up tests (Coliform, *E.coli*, *Pseudomonas*, *Salmonella*) are triggered if the sample fails APC testing.

Microbiological Screening

Petri film screening for microbiological contamination.

	Count	Limit	Status
APC	1,000	100,000	Pass
Yeast & Mold	2,000	10,000	Pass
Coliform	NA	100	
E coli	NA	10	
Pseudomonas	NA	0	
Salmonella	NA	0	

TNTC = 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	1.5	0.1	Fail
Dieldrin	0.0	0.1	Pass	Permethrin	0.0	0.1	Pass
Endosulfan	0.0	0.1	Pass	Pyrethrin	0.0	0.1	Pass

TND = Non-Detect

This sample has a chemical residue fail, marked here.

Terpene Profiling

Analysis of terpenes by GC/MS

	PPM		PPM		PPM
b-Myrcene	NA	Sabinene	NA	Elemene	NA
Nerol	NA	b-Pinene	NA	Phellandrene	NA
Nerolidol	NA	Camphene	NA	Isopulegol	NA
Ocimene	NA	Eucalyptol	NA	Linalool	NA
a-Bisbolol	NA	(-)-Fenchone	NA	(+)-Fenchone	NA
Farnasene	NA	Fenchol	NA	a-Caryophyllene	NA
Valencene	NA	Camphor	NA	Guaiaol	NA
d3-Carene	NA	Borneol	NA	Bergamotene	NA
d-Limonene	NA	Pulegone	NA	Terpineol	NA
g-Terpinene	NA	Cedrol	NA	Terpinolene	NA
a-Pinene	NA	b-Caryophyllene	NA	a-Terpinene	NA

Total Terpenes

0.0 PPM

TND = Non-Detect

When a client chooses not to perform a specific test, the results of those tests will appear greyed out, like these terpene and residual solvent tests.

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		

All of our reports now come with QR codes for verification of testing data on our lab database.

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@owanalytical.com

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

Robert W. Martin, PhD