

Sample Name: Chocolate Chip Cookie

Client: exampleclient
 Sample Type: Edible
 Strain: Unknown

Product Weight: 52.0 g
 Moisture: 0.0%
 Servings: 2

For edibles, the product weight is of the **entire** submitted sample. If the edible is multiple distinct units, we note the number of servings as well.

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	Total mg
d9-THC	NA	NA	0.12	63.64
d8-THC	NA	NA	0.00	0.00
THCA	NA	NA	0.04	20.70
THCV	NA	NA	0.00	1.03
CBC	NA	NA	0.01	3.10
CBG	NA	NA	0.00	0.52
CBGA	NA	NA	0.00	0.00
CBN	NA	NA	0.01	4.66
CBD	NA	NA	0.00	1.55
CBDV	NA	NA	0.00	0.00
CBDA	NA	NA	0.00	0.00
Total	NA	NA	0.18	95.20

-75% Decarboxylated THC

For edibles, typically the most important number for potency is total mg of d9-THC, as shown here. Only d9-THC is psychoactive, so the total mg of THCA is also important. This sample is not fully decarboxylated, which can sometimes be an issue with edible products.



Microbiological Screening

Petri film screening for microbiological contamination.

	Count	Limit	Status
APC	132,000	100,000	Fail
Yeast & Mold	2,000	10,000	Pass
Coliform	0	100	Pass
E coli	0	10	Pass
Pseudomonas	0	0	Pass
Salmonella	0	0	Pass

TNTC = Too Numerous To Count

For our standard microbiological procedure, follow up tests are performed when the sample has failed APC testing. Here, the edible failed APC, which prompted Coliform, E. coli, Pseudomonas, and Salmonella testing.

Chemical Residue Screening

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

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

ND = Non-Detect

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	Guaiol	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

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@owanalytical.com



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

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