

Sample Name: Villalobos Sweet Potato Canine Soft Chew

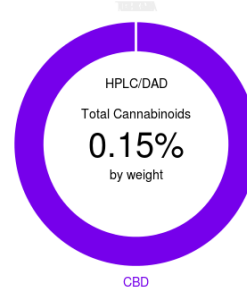
Client: treatables
 Sample Type: Edible
 Strain: Unknown
 Product Weight: 10.44 g
 Servings: 5

Submitted: November 06, 2019
 Tested: November 06, 2019
 Expires: November 06, 2020
 Submitted for: HPLC,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2019-11-09

Cannabinoid	Percent	mg/g	Total mg	mg/svg	LOQ (mg/g)	LOD (mg/g)	L.C. ¹	Status
d9-THC	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
d8-THC	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
THCA	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
THCV	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
THCVA	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
CBG	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
CBGA	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
CBN	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
CBD	0.15	1.53	16.01	3.20	0.05	0.02	-	Pass
CBDV	ND ¹	ND ¹	0.20	0.04	0.05	0.02	-	Pass
CBDA	ND ¹	ND ¹	0.00	0.00	0.05	0.02	-	Pass
Total	0.15	1.530	16.21	NA	NA	NA	-	Pass
Total THC	ND¹	ND¹	ND¹	-	-	-	-	Pass
Total CBD	0.15	1.53	16.01	3.20	-	-	-	Pass



HPLC/DAD results are not moisture normalized.

-0% Decarboxylated THC

¹L.C. = Label Claim in mg/g

Total THC = ((THCA*0.877)+ d9-THC)

Total CBD = ((CBDA*0.877)+ CBD)

Microbiological Screening -

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed:

	Analysis	Limit of Detection	Action Limits	Status
Shiga-Toxin E. Coli	NA	< 1 cfu/g	cfu/g	
Salmonella	NA	< 1 cfu/g	cfu/g	
Aspergillus	NA	< 1 cfu/g	cfu/g	
Pseudomonas	NA	< 1 cfu/g	cfu/g	
APC	NA	< 1 cfu/g	cfu/g	
E. Coli	NA	< 1 cfu/g	cfu/g	
Coliform	NA	< 1 cfu/g	cfu/g	
Yeast & Mold	NA	< 1 cfu/g	cfu/g	

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. [SOP-011] | Date Performed:

Solvent	ug/g	Action Limit (ug/g)	LOQ (ug/g)	LOD (ug/g)	Status
Benzene	NT				
Chloroform	NT				
1,2-Dichloroethane	NT				
Ethylene Oxide	NT				
Methylene Chloride	NT				
Trichloroethylene	NT				
Acetone	NT				
Acetonitrile	NT				
Ethanol	NT				
Ethyl Acetate	NT				
Diethyl ether	NT				
Heptane	NT				
Hexane	NT				
Isopropanol	NT				
Methanol	NT				
N-Butane	NT				
Pentane	NT				
Propane	NT				
Toluene	NT				
Total Xylenes	NT				

¹ND = Not Detected

**Client Limit is self-selected and will be replaced by official CA State limits when they become available

Foreign Material Analysis -

Analysis to determine whether foreign material is present | Date Performed:

Analysis	Status

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. 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. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. 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
 Robert W Martin, PhD

Sample Name: Villalobos Sweet Potato Canine Soft Chew

Client: treatibles
 Sample Type: Edible
 Strain: Unknown
 Product Weight: 10.44 g
 Servings: 5

Submitted: November 06, 2019
 Tested: November 06, 2019
 Expires: November 06, 2020
 Submitted for: HPLC,

Chemical Residue Screening -

Targeted analysis of chemical residues. [SOP-017] | Date Performed:

	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status	ug/g	LOQ (ug/g)	LOD (ug/g)	Action Limit (ug/g)	Status
Abamectin	NT					Fludioxonil				NT
Acephate	NT					Hexythiazox				NT
Acequinocyl	NT					Imazalil				NT
Acetamiprid	NT					Imidacloprid				NT
Aldicarb	NT					Kresoxim-methyl				NT
Azoxystrobin	NT					Malathion				NT
Bifenazate	NT					Metalaxyl				NT
Bifenthrin	NT					Methiocarb				NT
Boscalid	NT					Methomyl				NT
Captan	NT					Mevinphos				NT
Carbaryl	NT					Myclobutanil				NT
Carbofuran	NT					Naled				NT
Chlorantraniliprole	NT					Oxamyl				NT
Chlordane	NT					Paclobutrazol				NT
Chlorfenapyr	NT					Parathion methyl				NT
Chlorpyrifos	NT					PCNB				NT
Clofentezine	NT					Permethrin				NT
Coumaphos	NT					Phosmet				NT
Cyfluthrin	NT					Piperonyl butoxide				NT
Cypermethrin	NT					Prallethrin				NT
Daminozide	NT					Propiconazole				NT
Diazinon	NT					Propoxur				NT
Dichlorvos	NT					Pyrethrin				NT
Dimethoate	NT					Pyridaben				NT
Dimethomorph	NT					Spinetoram				NT
Ethoprophos	NT					Spinosad				NT
Etofenprox	NT					Spiromesifen				NT
Etoxazole	NT					Spirotetramat				NT
Fenhexamid	NT					Spiroxamine				NT
Fenoxycarb	NT					Tebuconazole				NT
Fenpyroximate	NT					Thiacloprid				NT
Fipronil	NT					Thiamethoxam				NT
Fonicamid	NT					Trifloxystrobin				NT

*ND = Not Detected
 NT = Not Tested

Heavy Metals Profiling -

Analysis of Heavy Metals. [SOP-012] | Date Performed:

	ug/g	LOQ(ug/g)	LOD(ug/g)	Action Limit (ug/g)	Status
Cadmium					
Lead					
Arsenic					
Mercury					

*ND = Not Detected

Water Activity -

Analysis to determine water activity | Date Performed:

Aw	Action Limit (Aw)	Status

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. 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. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. 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
 Robert W Martin, PhD

Sample Name: Villalobos Sweet Potato Canine Soft Chew

Client: treatibles
 Sample Type: Edible
 Strain: Unknown
 Product Weight: 10.44 g
 Servings: 5

Submitted: November 06, 2019
 Tested: November 06, 2019
 Expires: November 06, 2020
 Submitted for: HPLC,

Mycotoxin Screening -

Analysis of Mycotoxins. | Date Performed:

		LOQ (mg/g)	LOD (mg/g)	Status
Aflatoxin B1	NT			
aflatoxin B2	NT			
Aflatoxin G1	NT			
Aflatoxin G2	NT			
Ochratoxin A	NT			

¹ND = Not Detected

Terpene Profiling -

Analysis of terpenes. [SOP-012] | Date Performed:

	PPM	mg/g	LOQ (mg/g)	LOD (mg/g)	L.C. ²	Status
b-Myrcene	NT					
a-Bisabolol	NT					
d3-Carene	NT					
d-Limonene	NT					
g-Terpinene	NT					
a-Pinene	NT					
b-Pinene	NT					
Camphene	NT					
b-Caryophyllene	NT					
Isopulegol	NT					
Linalool	NT					
a-Caryophyllene	NT					
guaiol	NT					
Terpinolene	NT					
a-Terpinene	NT					

Total Terpenes

0.0 PPM

¹ND = Not Detected
²L.C. = Label Claim

CW uses its best efforts to deliver high-quality results and to verify that the data contained therein are based on sound scientific judgment. 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. The limit of liability accepted by CW Analytical is limited to the total amount invoiced for services provided. 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
 Robert W Martin, PhD