

Sample Name: 250mg PurCBD+ Broad Spectrum

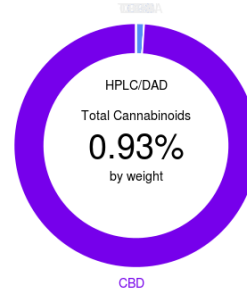
Client: tlmresearchlabs
 Sample Type: Infusedoil
 Strain: Unknown
 Product Weight: 27.66 g

Submitted: August 28, 2019
 Tested: August 28, 2019
 Expires: August 28, 2020
 Submitted for: HPLC,

Profiling by Liquid Chromatography - Pass

(SOP-014) | Date Performed: 2019-08-28

Cannabinoid	Percent	mg/g	Total mg	LOQ (mg/g)	LOD (mg/g)	L.C. ¹	Status
d9-THC	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
d8-THC	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
THCA	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
THCV	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
THCVA	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
CBG	0.01	0.10	2.24	0.05	0.02	-	Pass
CBGA	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
CBN	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
CBD	0.92	9.20	254.51	0.05	0.02	-	Pass
CBDV	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
CBDA	ND ¹	ND ¹	0.00	0.05	0.02	-	Pass
Total	0.93	9.280	256.75	NA	NA	-	Pass
Total THC	ND¹	ND¹	ND¹	-	-	-	Pass
Total CBD	0.92	9.20	254.51	-	-	-	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	< 1 cfu/g	cfu/g	
Salmonella	< 1 cfu/g	cfu/g	
Aspergillus	< 1 cfu/g	cfu/g	
Pseudomonas	< 1 cfu/g	cfu/g	
APC	< 1 cfu/g	cfu/g	
E. Coli	< 1 cfu/g	cfu/g	
Coliform	< 1 cfu/g	cfu/g	
Yeast & Mold	< 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	> A.L.				
Chloroform	> A.L.				
1,2-Dichloroethane	> A.L.				
Ethylene Oxide	> A.L.				
Methylene Chloride	> A.L.				
Trichloroethylene	> A.L.				
Acetone	> A.L.				
Acetonitrile	> A.L.				
Ethanol	> A.L.				
Ethyl Acetate	> A.L.				
Diethyl ether	> A.L.				
Heptane	> A.L.				
Hexane	> A.L.				
Isopropanol	> A.L.				
Methanol	> A.L.				
N-Butane	> A.L.				
Pentane	> A.L.				
Propane	> A.L.				
Toluene	> A.L.				
Total Xylenes	> A.L.				

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
 Robert W Martin, PhD

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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	< A.L.					Fludioxonil					
Acephate	< A.L.					Hexythiazox					
Acequinocyl	< A.L.					Imazalil					
Acetamiprid	< A.L.					Imidacloprid					
Aldicarb	< A.L.					Kresoxim-methyl					
Azoxystrobin	< A.L.					Malathion					
Bifenazate	< A.L.					Metalaxyl					
Bifenthrin	< A.L.					Methiocarb					
Boscalid	< A.L.					Methomyl					
Captan	< A.L.					Mevinphos					
Carbaryl	< A.L.					Myclobutanil					
Carbofuran	< A.L.					Naled					
Chlorantraniliprole	< A.L.					Oxamyl					
Chlordane	< A.L.					Paclobutrazol					
Chlorfenapyr	< A.L.					Parathion methyl					
Chlorpyrifos	< A.L.					PCNB					
Clofentezine	< A.L.					Permethrin					
Coumaphos	< A.L.					Phosmet					
Cyfluthrin	< A.L.					Piperonyl butoxide					
Cypermethrin	< A.L.					Prallethrin					
Daminozide	< A.L.					Propiconazole					
Diazinon	< A.L.					Propoxur					
Dichlorvos	< A.L.					Pyrethrin					
Dimethoate	< A.L.					Pyridaben					
Dimethomorph	< A.L.					Spinetoram					
Ethoprophos	< A.L.					Spinosad					
Etofenprox	< A.L.					Spiromesifen					
Etoxazole	< A.L.					Spirotetramat					
Fenhexamid	< A.L.					Spiroxamine					
Fenoxycarb	< A.L.					Tebuconazole					
Fenpyroximate	< A.L.					Thiacloprid					
Fipronil	< A.L.					Thiamethoxam					
Flonicamid	< A.L.					Trifloxystrobin					

¹ND = Not Detected

NT = Not Tested

Terpene Profiling -

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

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

Total Terpenes

0.0 PPM

¹ND = Not Detected

²L.C. = Label Claim

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