

Sample Name: 250mg Purehemp Broad Spectrum

Client: tlmresearchlabs

Sample Type: Infusedoil

Strain: Unknown

Product Weight: 28,800.00 g

Submitted: November 26, 2021

Tested: November 26, 2021

Expires: November 26, 2022

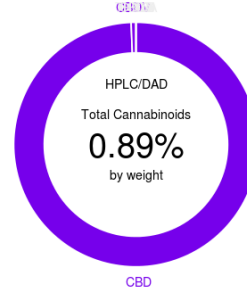
Submitted for: HPLC,



Profiling by Liquid Chromatography - Pass

HPLC [SOP-2050] | Date Performed: 2021-11-29

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	0.000	0.038	0.012	-	Pass	
d8-THC	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
THCA	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
THCV	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
THCVA	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
CBC	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
CBG	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
CBGA	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
CBN	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
CBD	0.885	8.853	254,967.2	0.000	0.038	0.012	-	Pass	
			6						
CBDV	0.006	0.056	1,618.94	0.000	0.038	0.012	-	Pass	
CBDA	ND ¹	ND ¹	0.00	0.000	0.038	0.012	-	Pass	
Total	0.891	8.909	256,586.2	NA	NA	NA	-	Pass	
			1						
Total THC	ND¹	ND¹	ND¹	-	-	-	-	Pass	
Total CBD	0.885	8.853	254,967.2	-	-	-	-	Pass	
			6						



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 -

Screening for microbiological contamination. [SOP-6010 (Asp), SOP-6060 (Sal), SOP-6070 (STEC) CONTINGENT upon request: SOP-6040 (petrifilm)] | 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. GC-FID [SOP-2060] | 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

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. Sample data reflect results at the time of testing. Results may vary with storage conditions over time. Per BCC regulations, cannabis goods that have not been transported to retail within 12 months of the date on this certificate of analysis must be destroyed or retested by the licensed distributor in possession of the cannabis goods. Comments? lab@cwanalytical.com



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Chemical Residue Screening -

Targeted analysis of chemical residues. [SOP-2011 (GC), SOP-2012 (LC)] | 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. ICP-MS [SOP-2020] | 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 Water Activity Meter [SOP-4070] | Date Performed:

Aw	Action Limit (Aw)	Status

Foreign Material Analysis -

Analysis to determine whether foreign material is present [SOP-2020] | Date Performed:

Analysis	Status

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Mycotoxin Screening -

Analysis of Mycotoxins. LC-MS/MS [SOP-2012] | 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-2070] | 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-Humulene	NT					
guaiol	NT					
Terpinolene	NT					
a-Terpinene	NT					

Total Terpenes

0.0 PPM

¹ND = Not Detected

²L.C. = Label Claim

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