

Lab Report

Product: CBD Softgels - 25mg, 90ct

Lot Number: 23032403

Type: THC-Free Phytocannabinoid-Rich Hemp Oil



Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit	Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.1841	0.0614	ND	ND	ND	CBGa	0.2669	0.0890	ND	ND	ND
Δ9-THC	0.0794	0.0265	ND	ND	ND	CBG	0.0915	0.0305	0.413	4.13	2.56
Δ8-THC	0.0824	0.0275	ND	ND	ND	CBN	0.1112	0.0371	ND	ND	ND
THCV	0.0714	0.0238	ND	ND	ND	Total THC			ND	ND	ND
CBDa	0.0880	0.0293	ND	ND	ND	Total CBD			4.27	42.72	26.49
CBD	0.0755	0.0252	4.272	42.72	26.49	Total			4.68	46.85	29.05
CBDV	0.0741	0.0247	ND	ND	ND						
CBC	0.2221	0.0740	ND	ND	ND						

1 Unit = softgel, 0.62 g.

Heavy Metal Screening

	LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	
Arsenic	ND	0.009	1.5	Pass
Cadmium	ND	0.002	0.5	Pass
Lead	<LOQ	0.004	0.5	Pass
Mercury	ND	0.014	3	Pass

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

Microbiological Screening

	Limit	Result	Status
	CFU/g	CFU/g	
Aspergillus flavus		NR	NT
Aspergillus fumigatus		NR	NT
Aspergillus niger		NR	NT
Aspergillus terreus		NR	NT
STEC		Not Detected	Pass
Salmonella SPP		Not Detected	Pass

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status			
	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g			μg/g	μg/g	μg/g				
1,2-Dichloro-Ethane	ND	0.264	0.088	1	Pass	Acetone	ND	51.246	0.716	5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND	0.052	0.017	1	Pass	Acetonitrile	ND	0.42	0.14	410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND	0.076	0.025	1	Pass	Butane	ND	4.849	0.748	5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND	0.579	0.179	1	Pass	Ethanol	ND	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND	0.729	0.08	1	Pass	Ethyl-Acetate	53.4	2.288	0.175	5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND	0.145	0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass	Toluene	ND	0.864	0.067	890	Pass
						Heptane	4.2	2.859	0.496	5000	Pass	Xylenes	ND	2.572	0.326	2170	Pass

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit	Status
	µg/g	µg/g	µg/g			µg/kg	µg/kg	µg/kg	µg/kg	
Aldicarb	ND	0.065	0.022	Pass	B1	ND	7.88	2.6		Tested
Carbofuran	ND	0.030	0.009	Pass	B2	ND	6.18	2.04		Tested
Chlordane	ND	0.075	0.025	Pass	G1	ND	8.99	2.97		Tested
Chlorfenapyr	ND	0.075	0.025	Pass	G2	ND	5.72	1.89		Tested
Chlorpyrifos	ND	0.053	0.018	Pass	Ochratoxin A	ND	11.72	3.87	20	Pass
Coumaphos	ND	0.056	0.018	Pass	Total Aflatoxins	ND			20	Pass
Daminozide	ND	0.079	0.026	Pass						
Dichlorvos	ND	0.067	0.022	Pass						
Dimethoate	ND	0.036	0.012	Pass						
Ethoprophos	ND	0.053	0.017	Pass						
Etofenprox	ND	0.030	0.008	Pass						
Fenoxycarb	ND	0.043	0.014	Pass						
Fipronil	ND	0.045	0.015	Pass						
Imazalil	ND	0.047	0.016	Pass						
Methiocarb	ND	0.047	0.016	Pass						
Mevinphos	ND	0.042	0.014	Pass						
Paclobutrazol	ND	0.040	0.013	Pass						
Parathion Methyl	ND	0.024	0.008	Pass						
Propoxur	ND	0.047	0.016	Pass						
Spiroxamine	ND	0.032	0.011	Pass						
Thiacloprid	ND	0.042	0.014	Pass						

Category 2	LOQ				LOD	Limit	Status	Category 2	LOQ				LOD	Limit	Status
	µg/g	µg/g	µg/g	µg/g					µg/g	µg/g	µg/g	µg/g			
Abamectin	ND	0.030	0.010	0.3	Pass			Kresoxim Methyl	ND	0.038	0.012	1	Pass		
Acephate	ND	0.050	0.016	5	Pass			Malathion	ND	0.035	0.012	5	Pass		
Acequinocyl	ND	0.059	0.019	4	Pass			Metalaxyl	ND	0.031	0.010	15	Pass		
Acetamiprid	ND	0.044	0.015	5	Pass			Methomyl	ND	0.048	0.016	0.1	Pass		
Azoxystrobin	ND	0.029	0.010	40	Pass			Myclobutanil	ND	0.055	0.018	9	Pass		
Bifenazate	ND	0.035	0.012	5	Pass			Naled	ND	0.051	0.017	0.5	Pass		
Bifenthrin	ND	0.040	0.013	0.5	Pass			Oxamyl	ND	0.046	0.015	0.3	Pass		
Boscalid	ND	0.060	0.020	10	Pass			Pentachloronitrobenzene	ND	0.054	0.018	0.2	Pass		
Captan	ND	0.358	0.120	5	Pass			Permethrin	ND	0.030	0.008	20	Pass		
Carbaryl	ND	0.049	0.016	0.5	Pass			Phosmet	ND	0.038	0.012	0.2	Pass		
Chlorantraniliprole	ND	0.063	0.021	40	Pass			Piperonyl Butoxide	ND	0.030	0.008	8	Pass		
Clofentezine	ND	0.039	0.013	0.5	Pass			Prallethrin	ND	0.068	0.023	0.4	Pass		
Cyfluthrin	ND	0.056	0.019	1	Pass			Propiconazole	ND	0.059	0.019	20	Pass		
Cypermethrin	ND	0.044	0.015	1	Pass			Pyrethrins	ND	0.030	0.004	1	Pass		
Diazinon	ND	0.030	0.006	0.2	Pass			Pyridaben	ND	0.035	0.012	3	Pass		
Dimethomorph	ND	0.042	0.014	20	Pass			Spinetoram	ND	0.030	0.006	3	Pass		
Etoxazole	ND	0.030	0.008	1.5	Pass			Spinosad	ND	0.030	0.004	3	Pass		
Fenhexamid	ND	0.039	0.013	10	Pass			Spiromesifen	ND	0.042	0.014	12	Pass		
Fenpyroximate	ND	0.030	0.010	2	Pass			Spirotetramat	ND	0.041	0.013	13	Pass		
Flonicamid	ND	0.081	0.027	2	Pass			Tebuconazole	ND	0.044	0.014	2	Pass		
Fludioxonil	ND	0.046	0.015	30	Pass			Thiamethoxam	ND	0.055	0.018	4.5	Pass		
Hexythiazox	ND	0.078	0.026	2	Pass			Trifloxystrobin	ND	0.031	0.010	30	Pass		
Imidacloprid	ND	0.071	0.023	3	Pass										