

## Pure Native

Client Lic#: 2310 First St Ste 306 Fort Myers, FL 33901  
 (615) 507-1695  
 Project: Hemp R&D

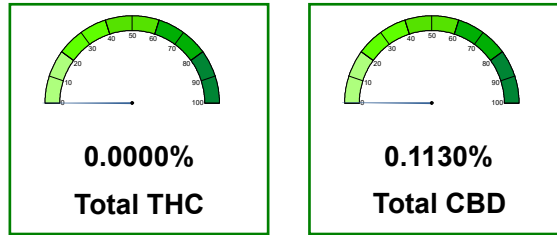


R&D ONLY NOT FOR RETAIL

**Sample Name: 5mg CBD, 5mg CBN, Melatonin**  
**Elderberry Sleep Gummies - 0823001189**

Date Sampled: 10/02/2023  
 Date Received: 10/02/2023  
 Date Reported: 10/05/2023

### Potency



### Cannabinoids

Date Prepared: 10/03/2023 08:28    Prep ID: 4599  
 Date Analyzed: 10/03/2023 16:58    Analyst ID: 5047-0754  
 Lab Batch: 2340015

Specimen Wt: 5.11 g  
 Instrument: HPLC VWD  
 Prep/Analysis Method: SOP1357

Analyte	Dilution	LOD	Mass	Mass	mg/Serving
			%	mg/g	mg/unit
Cannabichromene (CBC)	1.00	0.0392	ND	ND	ND
Cannabidiol (CBD)	1.00	0.0392	0.113	1.13	5.09
Cannabidiolic acid (CBDA)	1.00	0.0392	ND	ND	ND
Cannabidivarin (CBDV)	1.00	0.0392	ND	ND	ND
Cannabigerol (CBG)	1.00	0.0392	ND	ND	ND
Cannabigerolic acid (CBGA)	1.00	0.0392	ND	ND	ND
Cannabinol (CBN)	1.00	0.0392	0.113	1.13	5.09
d8 - Tetrahydrocannabinoid (d8-THC)	1.00	0.0392	ND	ND	ND
d9 - Tetrahydrocannabinoid (d9-THC)	1.00	0.0392	ND	ND	ND
d9 - Tetrahydrocannabinolic acid (THCA)	1.00	0.0392	ND	ND	ND
Tetrahydrocannabivarin (THCV)	1.00	0.0392	ND	ND	ND

Total THC= THCa \* 0.877 + d9-THC. Total CBD= CBDA \* 0.877 + CBD.  
 LOD = Limit of Detection; ND = Not Detected.

Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.  
 \* - Non ISO certified

TerpLife Labs

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 Laboratory Director



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## Pesticides

Prep Method: SOP 1363

Pesticide	Batch	Instrument	Analyzed	Analyst	Extracted	ExtractedBy	Specimen Wt. (g)	Analysis SOP
Pesticide LCQQQ	2340016	LCMSMS1	10/3/2023 4:32:14PM	2670	10/3/2023 8:35:00AM	4599	1.02	SOP1350
* Pesticides GCQQQ	2340017	GCMSMS2	10/3/2023 5:27:20PM	2670	10/3/2023 8:35:00AM	4599	1.02	SOP1356

Analyte	DIL	LOQ	LOD	Units	Analyte	DIL	LOQ	LOD	Units
		ppb	ppb	ppb			ppb	ppb	ppb
Abamectin	1.00	300	30	ND	Methiocarb	1.00	100	10	ND
Acephate	1.00	3000	300	ND	Methomyl	1.00	100	10	ND
Acetamiprid	1.00	3000	300	ND	Mevinphos	1.00	100	10	ND
Aldicarb	1.00	100	10	ND	Myclobutanil	1.00	3000	300	ND
Azoxystrobin	1.00	3000	300	ND	Naled	1.00	500	50	ND
Bifenazate	1.00	3000	300	ND	Oxamyl	1.00	500	50	ND
Bifenthrin	1.00	500	50	ND	Pacllobutrazol	1.00	100	10	ND
Boscalid	1.00	3000	300	ND	Permethrin	1.00	1000	100	ND
Carbaryl	1.00	500	50	ND	Phosmet	1.00	200	20	ND
Carbofuran	1.00	100	10	ND	Piperonyl butoxide	1.00	3000	300	ND
Chlorantraniliprole	1.00	3000	300	ND	Prallethrin	1.00	400	40	ND
Chloromequat Chloride	1.00	3000	300	ND	Propiconazole	1.00	1000	100	ND
Chlorpyrifos	1.00	100	10	ND	Propoxur	1.00	100	10	ND
Clofentezine	1.00	500	50	ND	Pyrethrins	1.00	1000	100	ND
Coumaphos	1.00	100	10	ND	Pyridaben	1.00	3000	300	ND
Cyfluthrin	1.00	1000	100	ND	Spinetoram, total	1.00	3000	300	ND
Cypermethrin	1.00	1000	100	ND	Spinosad, total	1.00	3000	300	ND
Daminozide	1.00	100	10	ND	Spiromesifen	1.00	3000	300	ND
Diazinon	1.00	200	20	ND	Spirotetramat	1.00	3000	300	ND
Dichlorvos	1.00	100	10	ND	Spiroxamine	1.00	100	10	ND
Dimethoate	1.00	100	10	ND	Tebuconazole	1.00	1000	100	ND
Dimethomorph	1.00	3000	300	ND	Thiacloprid	1.00	100	10	ND
Ethoprophos	1.00	100	10	ND	Thiamethoxam	1.00	1000	100	ND
Etofenprox	1.00	100	10	ND	Trifloxystrobin	1.00	3000	300	ND
Etoxazole	1.00	1500	150	ND	Captan*	1.00	3000	300	ND
Fenhexamid	1.00	3000	300	ND	Chlordane*	1.00	100	10	ND
Fenoxycarb	1.00	100	10	ND	Chlorfenapyr*	1.00	100	10	ND
Fenpyroximate	1.00	2000	200	ND	Methyl parathion*	1.00	100	10	ND
Fipronil	1.00	100	10	ND	Pentachloronitrobenzene*	1.00	200	20	ND
Flonicamid	1.00	2000	200	ND					
Fludioxonil	1.00	3000	300	ND					
Hexythiazox	1.00	2000	200	ND					
Imazalil	1.00	100	10	ND					
Imidacloprid	1.00	3000	300	ND					
Kresoxim-methyl	1.00	1000	100	ND					
Malathion	1.00	2000	200	ND					
Metalaxyl	1.00	3000	300	ND					

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 Laboratory Director



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### Heavy Metals

Date Prepared: 10/05/2023 13:00 Specimen Wt: 0.52 g  
 Date Analyzed: 10/05/2023 16:11 Analyzed By: 1094 Instrument: ICPMS  
 Lab Batch: 2340069 Prep Method: SOP 1362 Analysis Method: SOP1358

Analyte	DIL	LOQ	LOD	Results
		ppb	ppb	ppb
Arsenic	1	1500	150	ND
Cadmium	1	500	50	ND
Lead	1	500	50	ND
Mercury	1	3000	300	ND

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### Microbials

**Microbials**  
 Date Prepared: 10/04/2023 11:55 Prep ID: 6814 Specimen Wt: 1.00 g  
 Date Analyzed: 10/05/2023 09:55 Analyst ID: 1093 Instrument: qPCR  
 Batch: 2340053 Analysis Method: SOP1353/1364

Analyte	LOQ	Mass
	cfu/g	cfu/g
Aspergillus Flavus		Absent in 1 gram
Aspergillus Fumigatus		Absent in 1 gram
Aspergillus Niger		Absent in 1 gram
Aspergillus Terreus		Absent in 1 gram
Salmonella		Absent in 1 gram
Shiga Toxin producing E. Coli		Absent in 1 gram

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### Mycotoxins

Date Prepared: 10/03/2023 08:35 Extracted By: 4599 Specimen Wt: 1.02 g  
 Date Analyzed: 10/03/2023 16:32 Analyzed By: 2670 Instrument: LC/MS/MS  
 Batch: 2340016 Prep Method: SOP 1363 Analysis Method: SOP 1350

Analyte	DIL	LOQ	LOD	Units
		ppb	ppb	ppb
Aflatoxin B1	1.00	20.0	2	ND
Aflatoxin B2	1.00	20.0	2	ND
Aflatoxin G1	1.00	20.0	2	ND
Aflatoxin G2	1.00	20.0	2	ND
Ochratoxin A	1.00	20.0	2	ND

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### Foreign Materials

Date Prepared: 10/03/2023 15:45 1150 Instrument: Visual Inspection  
 Date Analyzed: 10/03/2023 16:00 1150  
 Lab Batch: 2340025 Analysis Method: SOP1359

Analyte	Action Limit (% by wt)	Results
Foreign Material	1.00	ND

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## Residual Solvents

Date Prepared: 10/04/2023 17:15 Prep ID: 2447  
 Date Analyzed: 10/04/2023 21:06 Analyst ID: 2447  
 Batch: 2340059 Specimen Wt: 0.05 g Instrument: GC/MS/MS Analysis Method: SOP1361

Analyte	DIL	LOQ	LOD	Units	Analyte	DIL	LOQ	LOD	Units
		ppm	ppm	ppm			ppm	ppm	ppm
1,1-Dichloroethene	1.00	8.00	0.8	ND	Toluene	1.00	150	15	ND
1,2-Dichloroethane	1.00	2.00	0.2	ND	Xylenes, total	1.00	150	15	ND
Acetone	1.00	750	75	ND	Trichloroethylene	1.00	25.0	2.5	ND
Acetonitrile	1.00	60.0	6	ND					
Benzene	1.00	1.00	0.1	ND					
Butane	1.00	5000	500	ND					
Chloroform	1.00	2.00	0.2	ND					
Ethanol	1.00	5000	500	ND					
Ethyl acetate	1.00	400	40	ND					
Ethyl ether	1.00	500	50	ND					
Ethylene oxide	1.00	5.00	0.5	ND					
Heptane	1.00	5000	500	ND					
Hexane	1.00	250	25	ND					
Isopropyl alcohol	1.00	500	50	ND					
Methanol	1.00	250	25	58.5					
Methylene chloride	1.00	125	12.5	ND					
Pentane	1.00	750	75	ND					
Propane	1.00	5000	500	ND					

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